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ABSTRACT

This document is intended as a data file user's manual for the dataset resulting from the High School and Beyond Postsecondary Education Transcript Study. The purpose of this study, conducted during 1984-85, was to provide reliable and objective information about the types and patterns of postsecondary courses taken by all members of the High School and Beyond (HS&B) 1980 senior cohort. Transcripts were requested from each school reported by sample members in their responses to the first and second follow-up surveys. Information from the transcripts, including terms of attendance, fields of study, specific courses taken, and grades and credits earned, were coded and processed into a system of data files designed to be merged with HS&B questionnaire data files. The Computer Assisted Data Entry System was used for processing the collected data into a four-level hierarchy consisting of data at the student, transcript, term, and course levels. The file includes specific data items in the student-level records including: physical tape position on the data record, a short description of the field contents, and the nature of the value stored in the field. Frequently distributions for all categorical variables on the student record are displayed in the enclosed codebook. The appendices, which make up over three-fourths of the document, contain: (1) a list of endorsing institutions; (2) postsecondary school codes in numerical and alphabetical order; (3) course subject codes in numerical order; (4) the data file record layout; (5) information on other HS&B data files available from the Center of Statistics; (6) sampling error and design effects; and (7) frequency distributions. (JAZ)

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Contractor Report

High School and Beyond Postsecondary Education Transcript Study

Data File User's Manual

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Center for Statistics

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High School and Beyond
Postsecondary Education Transcript Study

Data File User's Manual

National Opinion Research Center

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* * * * NOTE * * * *
Appendices are available in hardcopy form only

1. INTRODUCTION

The High School and Beyond Postsecondary Education Transcript Study (PETS), conducted during 1984-85, involved the collection and processing of school transcripts for all members of the HS&B elder cohort (1980 senior cohort) who had attended any form of postsecondary institution since leaving high school. Transcripts were requested from each school reported by sample members in their responses to the HS&B first follow-up (1982) and second follow-up (1984) surveys. Records were obtained from all types of postsecondary institutions, ranging from short-term vocational or occupational programs through major universities with graduate programs and professional schools. Information from the transcripts, including terms of attendance, fields of study, specific courses taken, and grades and credits earned, were coded and processed into a system of data files designed to be merged with HS&B questionnaire data files. On the same schedule and using identical procedures, transcript data were also collected and processed for members of the National Longitudinal Study of the High School Class of 1972 (NLS-72) who had attended any form of post-secondary school. A separate data file user's manual has been produced for this dataset, which may be obtained directly from the Department of Education Center for Statistics.

The purpose of the Postsecondary Education Transcripts Study is to provide reliable and objective information about the types and patterns of postsecondary courses taken by HS&B sample members since the base year data were collected in 1980. Because the transcript data file supplements a large, expanding database from the HS&B survey, course-taking patterns and performance can be statistically related to a wide range of other factors, including student characteristics and occupational and economic outcomes.

1.1 Overview

1.1.1 The CS Longitudinal Studies Program

The mandate of the Center for Statistics (CS), formerly the National Center for Education Statistics (NCES), includes the responsibility to "collect and disseminate statistics and other data related to education in the United States" and to "conduct and publish reports on specific analyses of the meaning and significance of such statistics" (Education Amendments of 1974 - Public Law 93-380, Title V, Section 501, amending Part A of the General Education Provisions Act).

Consistent with this mandate and in response to the need for policy-relevant, time-series data on nationally representative samples of high school students, CS instituted the National Education Longitudinal Studies (NELS) program, a continuing long-term project. The general aim of the NELS program is to study longitudinally the educational, vocational, and personal development of high school students and the personal, familial, social, institutional, and cultural factors that may affect that development.

The overall NELS program utilizes longitudinal, time-series data in two ways: (1) each cohort is surveyed at regular intervals over a span of years, and (2) comparable data are obtained from successive cohorts, permitting studies of trends relevant to educational and career development and societal roles. Thus far, the NELS program consists of two major studies: The National Longitudinal Study of the High School Class of 1972 (NLS-72) and High School and Beyond (HS&B). A third major study, to begin in 1988 and to continue throughout the decade of the 1990s, is currently being planned.

The first major study, NLS-72, began with the collection of comprehensive base year survey data from approximately 19,000 high school seniors in the spring of 1972. The NLS-72 first follow-up survey added to the sample nearly 4,500 individuals who had been unable to participate at the time of the base year survey. Three more follow-up surveys were conducted in the fall and winter of 1974, 1976, and 1979, using a combination of mail surveys and personal and telephone interviews. The fifth follow-up survey occurs during the spring of 1986.

The second major survey, HS&B, was designed to inform Federal and State policy in the decade of the 1980s. HS&B began in the spring of 1980 with the collection of base year questionnaire and test data on over 58,000 high school seniors and sophomores. The first follow-up survey was conducted in the spring of 1982, and the second follow-up survey in the spring of 1984. The HS&B third follow-up survey is being conducted in the spring of 1986.

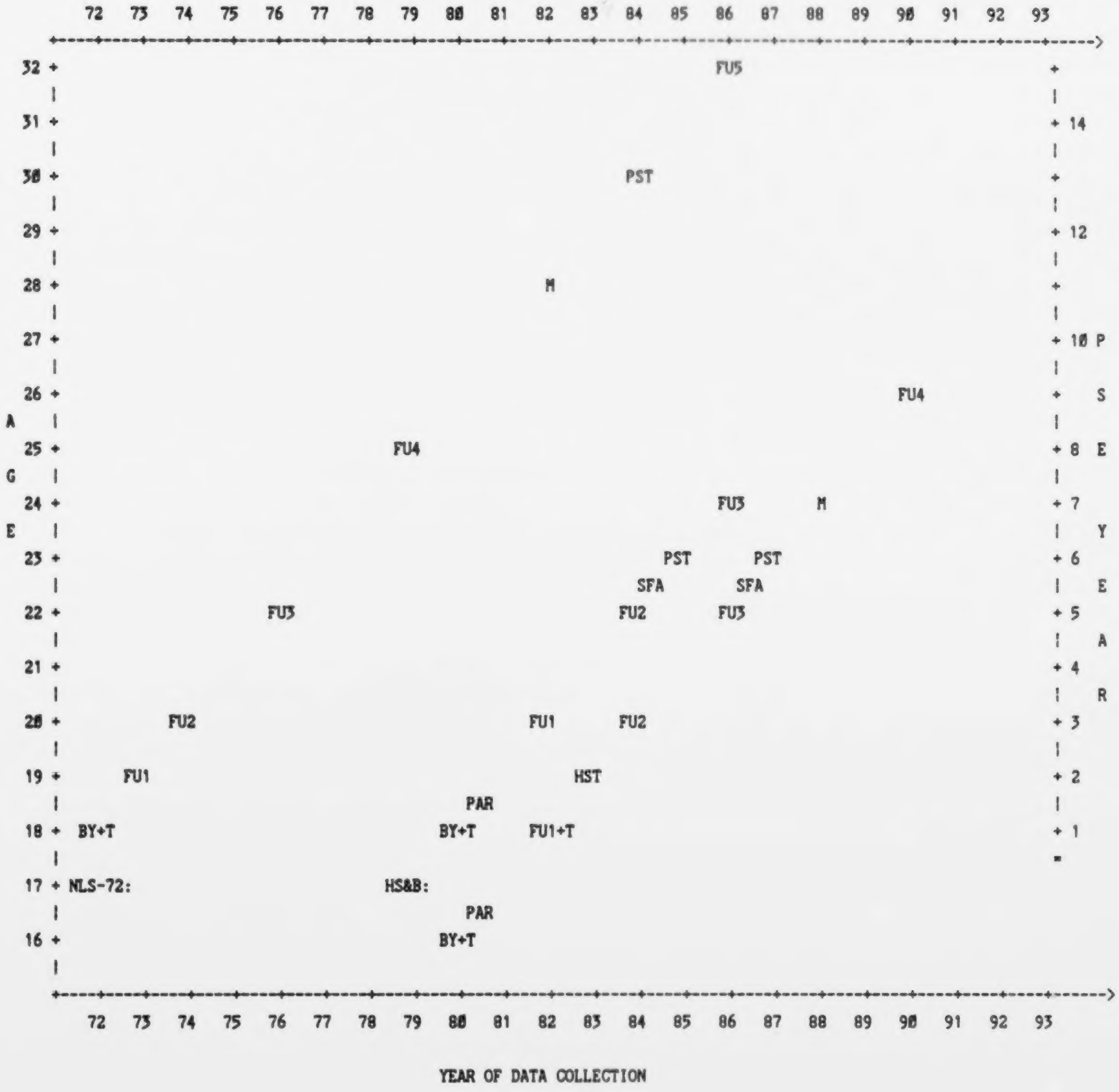
The three survey cohorts (NLS-72 seniors and the HS&B seniors and sophomores) are displayed in Figure 1 according to their initial and subsequent survey years and their modal age at the time of each survey. As shown, the NLS-72 seniors were first surveyed in 1972 at age 18 and have been resurveyed four times since, with the last survey occurring in 1979 when these young adults were about 25 years of age. The HS&B cohorts have been surveyed at points in time that would permit as much comparison as possible with the time points selected for NLS-72. In particular, three types of comparison are possible.

First, the three cohorts may be compared on a time-lag basis (intercohort or intergenerational). For example, the high school seniors of 1972 and the high school seniors of 1980 and 1982 may be contrasted to determine changes over time in the composition, distribution and needs of high school seniors.

Second, fixed-time comparisons can be undertaken. For a given year, the data collection for each cohort can be viewed as a cross-sectional study. It is possible, for example, to compare employment rates in 1980 of 16-, 18- and 26-year-olds.

The third type of analysis is longitudinal (within cohort) and is designated in Figure 1 by the diagonal lines. Because the history of the age cohort can be taken into account and modeled, analyses can be designed that isolate school and program effects from the effects of differential life experiences.

Figure 1. RESEARCH DESIGN FOR NATIONAL EDUCATION LONGITUDINAL STUDIES



NLS-72 = National Longitudinal Study of the High School Class of 1972
BY = Base Year Data Collection
T = Cognitive Test Administration
FU1 = First Follow-Up Data Collection
FU2 = Second Follow-Up Data Collection
FU3 = Third Follow-Up Data Collection
HS&B = High School and Beyond: 1980
FU4 = Fourth Follow-Up Data Collection
FU5 = Fifth Follow-Up Data Collection
M = Maintenance of Address Data
PST = Postsecondary Education Transcripts
PAR = Survey of Parents
HST = High School Transcripts
SFA = Student Financial Aid Records

1.1.2 High School and Beyond and NLS-72

High School and Beyond was designed to build on the NLS-72 in three ways. First, the base year survey of HS&B included a 1980 cohort of high school seniors that was directly comparable with the 1972 cohort. Replication of selected 1972 student questionnaire items and test items made it possible to analyze changes that occurred subsequent to 1972 and their relationship to recent Federal policies and programs in education. Second, the introduction of a sophomore cohort provided data on the many critical educational and vocational choices made between the sophomore and senior years in high school, permitting a fuller understanding of the secondary school experience and its impact on students. Finally, HS&B expanded the NLS-72 focus by collecting data on a range of life cycle factors, such as family-formation behavior, intellectual development, and social participation.

1.2 History of High School and Beyond

1.2.1 The Base Year Survey

The base year survey was conducted in spring 1980. The study design provided for a highly stratified national probability sample of over 1,100 secondary schools as the first-stage units of selection. In the second stage, 36 seniors and 36 sophomores were selected per school (in schools with fewer than 36 in either of these groups, all eligible students were included). Special efforts were made to identify those students within the sample who were twins or triplets so that their co-twins or co-triplets could be invited also to participate in the study. (Data from non-sampled twins and triplets are not included in the student data files, but are available in a separate Twin Data File which links questionnaire data for both sampled and non-sampled twins for special analyses.) Over 30,000 sophomores and 28,000 seniors enrolled in 1,015 public and private high schools across the country participated in the base year survey. (Detailed information about the samples can be found in the HS&B sample design report for the base year: Martin R. Frankel, Luane Kohnke, David Buonanno, and Roger Tourangeau, Sample Design Report, NORC, 1981.)

Certain types of schools were oversampled to make the sample more useful for policy analysis. These included:

- public schools with high percentages of Hispanic students to ensure sufficient numbers of Cuban, Puerto Rican and Mexican students for separate analysis
- Catholic schools with high percentages of minority group students
- alternative public schools
- private schools with high-achieving students

The Hispanic supplement to the sample was funded jointly by the Office of Bilingual Education and Minority Language Affairs (OBEMLA), and the Office for Civil Rights (OCR) within the Department of Education. An additional supplementary sample was drawn from students attending Department of Defense Dependents Schools (DoDDS) located overseas. DoDDS students are not included in the data tapes distributed by CS, however.

Survey instruments in the base year included:

- school questionnaire
- student identification pages
- sophomore questionnaire
- senior questionnaire
- a series of cognitive tests for each cohort
- teacher comment checklist
- parent questionnaire (mailed to a sample of parents from both cohorts)

The student questionnaires focused on individual and family background, high school experiences, work experiences, and plans for the future. The student identification pages included a series of items on the student's use, proficiency, and educational experiences with non-English languages, as well as information which would be useful in locating the students for future follow-up surveys. The cognitive tests measured both verbal and quantitative abilities. In addition, sophomore tests included achievement measures in science, writing, and civics, while seniors were asked to respond to tests measuring abstract and nonverbal abilities. Of the 194 test items administered to the HS&B senior cohort in the base year, 86 percent were identical to items which had been given to the NLS-72 base year respondents.

School questionnaires, which were filled out by an official in each participating school, provided information about enrollment, staff, educational programs, facilities and services, dropout rates, and special programs for handicapped and disadvantaged students. The Teacher Comment Checklist provided teacher observations on students participating in the survey. The Parent Questionnaire elicited information about how family attitudes and financial planning affected postsecondary educational goals.

1.2.2 The First Follow-Up Survey

The first follow-up sample consisted of approximately 30,000 1980 sophomores and 12,200 1980 seniors. It retained the multi-stage, stratified, and clustered design of the base year sample. All students who had been selected for inclusion in the base year survey, whether or not they actually participated, had a chance of being included in the first follow-up sample. Unequal probabilities were compensated by weighting. A subsample of 11,500 students was selected from among the senior cohort base year participants. This subsampling was carried out to ensure adequate analytic power to address policy issues in areas such as excellence in education, access to postsecondary education, need for financial aid, and the impact of education on career choices. A special sample of 495 students was selected from among those 1980 seniors who had been selected for inclusion in the base year survey but who had not actually participated.

As in the base year survey, the Hispanic supplement to the first follow-up survey was supported by OBEMLA and OCR. In addition, the United States Army Recruiting Command (USARC) supported the retention in the first follow-up sample of 200 additional 1980 seniors who had moderate to high achievement scores but no plans for postsecondary education.

A first follow-up school questionnaire was requested of all schools selected in the base year (including those schools that had refused to participate), with the exception of schools that had no 1980 sophomores, that had closed, or that had merged with other schools in the sample. Schools that had received en masse transfers of students from base year schools were contacted to complete a first follow-up school questionnaire and to arrange student survey activities. These schools are not considered to be part of the probability sample of secondary schools and do not appear on the Updated School Data File. The first follow-up survey also included a sample of students from the Department of Defense Dependents Schools (DoDDS). DoDDS students were not part of the main probability sample and were not weighted.

For the senior cohort, a self-administered mail-back questionnaire was the basic method of data collection. Approximately 12,200 packets containing survey questionnaires, instruction sheets and incentive payment checks were sent to sample members during the first week of February 1982.

Approximately 75 percent of the targeted senior cohort members completed and returned first follow-up questionnaires by mail. An additional 19 percent completed the questionnaires by either in-person or telephone interviews. Respondents who completed the questionnaire via telephone interview were required to have a copy of the questionnaire in front of them while doing so, to keep their survey experience as similar as possible to that of the majority of respondents, who filled out the questionnaires themselves. Follow-up interviewing was halted in mid-July of 1982, after a response rate of 94 percent had been obtained.

1.2.3 The Second Follow-Up Survey

The sample design for the second follow-up survey was the same as that used for the first follow-up. Survey activities were initiated for all individuals who had participated in the first follow-up except for eleven persons who were known to be deceased.

As in the first follow-up survey, mail-back questionnaires were again the basic method of data collection. During the first week of February 1984, approximately 12,000 packets of survey materials were mailed to the last known addresses of the sample members. Extensive telephone prompting was used to encourage sample members to respond by mail. When this failed, interviews were conducted by telephone or in person. Approximately 73 percent of the senior cohort sample members mailed back their completed questionnaires; about 13 percent were interviewed by telephone; and about 5 percent were interviewed in person. As in the earlier follow-up, the survey design required that respondents who were to be interviewed over the telephone or in person have a copy of the questionnaire before them during the interview, to minimize bias due to the method of administration. Follow-up interviewing continued through July 1984, and resulted in a completion rate of over 91 percent.

1.3 Scope of the Postsecondary Education Transcript Study

Although the HS&B follow-up surveys have collected longitudinal data on postsecondary educational activities of sample members, the kinds and quantity of information collected on course-taking patterns and on grades, credits, and credentials earned has been limited necessarily by the survey methodology and respondents' ability to recall the details of their educational experiences.

To overcome these weaknesses and to provide a rich resource for the future analysis of occupational and career outcomes, the Postsecondary Education Transcript Study was designed to obtain official records from academic and vocational schools. By abstracting and coding transcript information into machine readable form, these data could be merged with questionnaire data and other records data (e.g., information from student financial aid records) to support powerful quantitative analyses of the impacts of postsecondary schooling.

Data files created for the transcript study include detailed information concerning program enrollments, periods of study, fields of study pursued, specific courses taken, and credentials earned. In addition to providing a data resource for the analysis of educational activities and their impacts, the transcript data may be used as an objective standard against which student self-reports may be compared and evaluated, thus guiding the design of future studies.

In the first and second follow-up surveys, approximately 7,800 members of the HS&B senior cohort reported enrollment at one or more postsecondary institutions. An attempt was made to obtain a transcript from each school named by a respondent. Requests for over 11,000 transcripts were made to nearly 2,500 schools, including public two-year and four-year, private non-vocational, vocational, foreign, and otherwise unclassified institutions. The following chapter describes the data collection procedures employed.

2. DATA COLLECTION

Planning for the Postsecondary Education Transcript Study began in the spring of 1984. Preparations for data collection included three major steps:

1) extraction of information concerning each unique instance of postsecondary school attendance by elder cohort members from HS&B first and second follow-up survey data files, and sorting this information by institution name and identification number. This data file was used to generate the printed lists of students sent to registrars and other school administrators to request transcripts;

2) construction of up-to-date address files for all postsecondary institutions reported by sample members, and development of letters, forms, and other materials to be sent to school administrators explaining the purposes of the study, the legal authority under which the study was being conducted, procedures for protecting the confidentiality of research subjects and conveying the fact that subjects had provided the study with signed permission forms authorizing the release of their records; and

3) obtaining the endorsement and support of a broad spectrum of professional organizations engaged in research about and representing the interests of postsecondary institutions. Appendix A contains a list of fifteen organizations endorsing the study and encouraging its members to cooperate in data collection activities.

2.1 Data Collection Objectives

The principal objective of the study was to obtain from each institution reported by a sample member the formal transcripts or other equivalent records (e.g., documents authenticating enrollment and attendance in postsecondary programs, indicating academic or other types of performance, and showing any formal credits and credentials earned) of their educational activities. In addition, course catalogs and other related publications were requested from these schools to facilitate the accurate and consistent coding of information about programs or fields of study, course titles, earned credits, grades, degrees or other credentials, and academic terms or other measures of enrollment duration.

Transcripts were requested from every school attended (reported), even though many respondents transferred from one school to another, receiving full recognition by the second school of credits earned at the first. Transfer credits coded from the second school's transcripts have been systematically flagged in the data files so that analysts seeking to cumulate credits earned may easily avoid double counting.

A secondary objective of the transcript study was to validate reports by sample members of school enrollment in their responses to follow-up surveys. Thus transcripts were requested from each school reported in follow-up questionnaires, even if there was evidence that the respondent may not have completed the term of study or the requirements for credit. As indicated by the results described below, in a small but significant percentage of cases, institutions reported either that the respondent never actually attended classes at the named school or dropped out of classes before completing enough work to justify the creation of a formal record.

2.2 Mailout of Transcript Requests to Institutions

During the last week in July 1984, packets of transcript survey materials were mailed to the postsecondary schools. The mailing was timed to arrive at registrars' or other administrative offices prior to the expected heavy work schedules associated with fall enrollments. At the time of the scheduled mailout, a substantial proportion of the second follow-up survey questionnaires from the elder cohort had not yet been processed by the optical scanning contractor. In November, after the fall enrollment crush had subsided, a supplemental mailing of transcript requests was made to schools for transcripts representing all previously unreported postsecondary enrollments.

Altogether, 11,288 transcripts were initially requested from 2,685 institutions for 7,776 HS&B sample members. At the same time, 24,431 transcripts were also requested from 3,983 schools for 14,759 members of the NLS-72 cohort who reported attending any school between 1972 and 1979. To reduce the burden on administrative personnel, HS&B and NLS-72 sample members who attended the same school were combined on a single request form. In all, nearly 36,000 transcripts were requested from approximately 4,600 postsecondary schools for over 22,600 individuals in both study cohorts. Each transcript request package contained:

1. a letter to the Registrar or Director of Admissions from the NORC Director of Education Longitudinal Studies

2. a letter of endorsement from the American Association of Collegiate Registrars and Admissions Officers (AACRAO)

3. a memo from the CS Project Officer authorizing NORC to conduct the study on behalf of the Secretary of Education

4. a brief description of the National Education Longitudinal Studies program

5. a list of postsecondary school organizations endorsing the transcript study

6. general instructions for participation in the study

7. an excerpt from the Family Educational Rights and Privacy Act (FERPA) indicating the legal authorization under which the request for records was made

8. a computer-generated list of students for whom transcripts were being requested

9. a label to affix to each transcript to link the correct transcript to HS&B files

10. a transmittal form with instructions

11. an invoice form for transcript reimbursement

12. pre-paid envelopes for transcript shipment.

Telephone follow-up of non-responding schools began in September when transcripts had been received from about two-thirds of the schools. Frequent changes of personnel, referrals to alternative administrators or sites, and typical problems with the pace of internal mail delivery systems in some schools resulted in the need for re-mailing of almost 1,700 transcript-request packets. Approximately 250 schools required a second re-mailing. Lists of schools to which transcript requests were made appear as Appendices B and C, which also serve as look-up tables for the institutional ID numbers (FICE or vendor codes) included in the data files.

2.3 Data Collection Results

To a major degree, the success of the transcript study hinged upon the cooperation of registrars and other administrators to whom transcript requests were sent. Although most schools were asked to supply fewer than five student transcripts, some of the larger state universities and community colleges were asked to locate return documents for well over one hundred students. Despite the fact that transcript requests were made with the express written consent of participating subjects, and the fact that study materials fully explained the legal basis for the requests for the information, school officials had the right to decline to cooperate. Furthermore, since many of the transcripts requested, especially for the NLS-72 cohort, were for reported spells of attendance that occurred from four to twelve years prior to our request, retrieving old records placed a considerable administrative burden upon some institutions. As shown below, however, most officials supported the objectives of the study, and were both prompt and complete in their response.

Apart from the willingness of school administrators to comply, a number of logistical obstacles threatened the success of the study. In the period from 1972 to 1984, a substantial number of schools, especially in the vocational and proprietary sector, had permanently closed, eliminating access to older records. Other schools had relocated, changed their names, or merged with other institutions, necessitating extensive tracing efforts in order to deliver requests to appropriate offices and complicating the task of locating specific student records. In the following sections we describe the response rates at three levels--the institution, the individual transcript (instance of attendance), and the student (for whom more than one transcript may have been requested).

2.3.1 The School-Level Response Rate

Transcript requests for HS&B students were sent to a great variety of postsecondary school types including small and large private vocational and proprietary schools as well as traditional degree-granting institutions of higher education such as two- and four-year colleges and universities with the full range of graduate and professional programs. Identical materials and procedures were used in the collection of transcripts from all types of schools. However, as shown in Table 2.3.1, proportionally more non-vocational institutions (e.g., colleges and universities) participated in the study than did their vocational counterparts (e.g., trade and technical schools). The participation rates shown in the table are the simple percentages of schools in each sector that returned at least one transcript. No attempt was made in this table to adjust either for the number of transcripts requested or for the possibility that only one transcript was requested for a student who did not actually attend the school.

Table 2.3.1. Response Rates to the HS&B Postsecondary Education Transcript Study by Institution Type

- Percent -

- (Number of Schools in Sector) -

Institution Type

	Private Vocational and Proprietary	Private Non-Vocational	Public 4-Year and University	Public 2-Year College	Foreign School	Unclassified School	Total Schools
%	59.2%	85.2%	94.5%	91.1%	18.9%	74.3%	81.4%
(N)	(569)	(852)	(476)	(642)	(37)	(109)	(2,685)

In the private vocational and proprietary sector, only about three in five schools returned any transcripts. This sector comprised over 21 percent of the list of schools attended by members of the HS&B 1980 senior cohort. However, because relatively few students attended these schools (only about 8 percent of all transcripts were requested from schools in this sector), the low school response rate had a comparatively small impact on overall transcript- and student-level response rates.

Schools in the private non-vocational and public two- and four-year sectors were much more likely to return one or more transcripts, with response rates of 85 percent, 91 percent and 95 percent respectively. These schools constituted three-fourths of the list of schools attended, and accounted for nearly 90 percent of the transcripts requested.

Foreign and otherwise unclassified schools made up over five percent of the institutions in the study, but less than one percent of the transcripts for HS&B seniors were requested from these schools.

The higher response rates for the public and private non-vocational schools may, in large part, be attributable to the typically longer period during which they have been in existence and the relative permanence of student files they maintain. Telephone follow-up calls to non-responding schools revealed that over one-third of the vocational school transcripts requested for HS&B students were unavailable. The most common reasons reported by school personnel were that the records had been lost or destroyed (about 14 percent of transcripts requested from schools in this sector), or that there was no record at the school of the named student's attendance (19 percent of the transcripts requested from these schools). An additional five percent of the vocational transcripts requested were unavail-able because of school closures.

In most cases, schools that returned transcripts also returned other related documents (e.g., bulletins and course catalogs) to assist coding.

2.3.2 The Transcript-Level Response Rate

Table 2.3.2 shows data collection results at the level of the individual transcript for the total sample and separately for each of the five types of postsecondary institution. Transcript response rates are calculated as ratios of the number of transcripts received to the number of "in-scope" transcript requests. Of the 11,288 transcripts initially requested, 863 were classified as "out-of-scope" as a result of information returned by school personnel indicating that the individuals for whom transcripts were requested never attended their schools (or did not complete enough work to generate a formal record). Given this response by school administrators, these cases (transcripts) have been treated as outside the population of events being studied rather than as "missing observations." The implications of this definition of "out-of-scope" transcript requests for interpreting the transcript data are discussed below.

Of the 10,425 "in-scope" transcripts requested, a total of 9,385 (90 percent) were returned to NORC for processing. Response rates varied from 94 percent for transcripts sought from public four-year colleges and universities to a low of 66 percent from the foreign and unclassified schools. Rates were uniformly high (90 to 94 percent) from the three large strata (public 2- and 4-year colleges and private non-vocational schools). Returns were substantially lower from the stratum of private vocational and proprietary schools and private non-vocational schools.

Reasons for non-return of transcripts varied among institution types. School refusal accounted for only 1 percent of missing transcripts overall, but for 3 percent among schools in the vocational/-proprietary sector. Confirmed school closings affected only 18 transcripts. Overall, just under 4 percent of transcripts were not available because records had been lost or destroyed, but among vocational schools 11 percent were in this category. The remaining category (No Response) includes transcripts from schools for which no current mailing addresses could be found (and which may have been closed), schools that could not be successfully contacted by telephone, and schools that expressed the intention to return transcripts, but did not do so in time for processing. Also included in this category are unreturned transcripts from schools that did return a portion of the transcripts requested. Reasons for partial returns varied from clerical oversight in schools that were asked to provide large numbers of transcripts to cases in which schools would not release a record because the student had not paid all his outstanding fees, and so on.

Table 2.3.2 also shows that in 863 instances (just under 8 percent of the total of 11,288 requests), school officials reported explicitly either that the specified student had never attended the school or that the student had not stayed long enough to earn any grades or credits, and therefore had no formal records. The percentage of this type of outcome varies little across the three major strata of non-vocational schools, but increases to about 11 percent of the foreign and unclassified schools and accounts for about one outcome in six (16 percent) within the vocational/proprietary sector. For purposes of the transcript study, these cases were considered out-of-scope: they are "non-events," or at the very least they are outside of the population of events under study.

Since the initial list of instances of school attendance was created using survey responses to the HS&B first and second follow-up surveys, these results create inconsistencies between the questionnaire data files and the postsecondary transcript study data file. The discrepancy between student-reported postsecondary attendance and the evidence in school records is substantial, and so the decision to consider these instances as out-of-scope was not taken lightly. It is important to note that this status code was only assigned to cases in the survey monitoring system when school officials confirmed in writing their conclusion that the named student did not attend their school. Administrators had considerable information about each student named on a transcript request form, including full names, alternate names such as maiden names, social security numbers, dates of birth and approximate dates of enrollment. In addition, there was considerable evidence in the materials returned to NORC that school personnel had conducted thorough searches for records, and often had

Table 2.3.2. Transcript-Level Data Collection Results by Institution Type

- Percent -
- (Number of Transcripts) -

	Institution Type					
	Private Vocational and Proprietary	Private Non-Vocational	Public 4-Year and University	Public 2-Year College	Foreign & Unclassified Schools	Total Schools
Received	71.1%	89.8%	93.7%	92.1%	66.4%	90.0%
	(552)	(1,783)	(3,587)	(3,281)	(182)	(9,385)
School Refused	3.0%	1.5%	0.6%	0.8%	1.8%	1.0%
	(23)	(29)	(23)	(28)	(5)	(108)
Lost or Destroyed	11.0%	3.7%	2.2%	2.8%	8.3%	3.5%
	(85)	(74)	(86)	(101)	(23)	(369)
School Closed	1.4%	0.2%	0.1%	-	0.4%	0.2%
	(11)	(4)	(2)	(0)	(1)	(18)
No Response	13.5%	4.8%	3.4%	4.3%	23.0%	5.2%
	(105)	(95)	(129)	(153)	(63)	(545)
Percent of In-scope	100%	100%	100%	100%	100%	100%
	(776)	(1,985)	(3,827)	(3,563)	(274)	(10,425)
Never Attended*	15.7%	8.5%	6.0%	6.7%	10.7%	7.7%
	(145)	(185)	(243)	(257)	(33)	(863)

*NOTE: Percentages shown for "Never Attended" are based upon the total number of transcript requests within each institution type, including both in-scope and out-of-scope transcripts.

cross-checked their results with admissions offices and financial aid offices. We therefore believe that there is little or no classification error in this status code.

One interpretation of this outcome is that HS&B respondents over-reported instances of postsecondary school attendance by nearly eight percent of the events (unweighted). If so, researchers analyzing postsecondary schooling using only the survey data tapes would over-estimate significantly the extent of this activity. Furthermore, the true discrepancy may be even bigger than that estimated by these results. In approximately half of the 545 cases in the "No Response" category of Table 2.3.2, neither transcripts nor any other information about the students' status was returned. In the absence of specific information to the contrary, these cases have been treated as probable instances of attendance, and therefore within the scope of the population of interest. It is reasonable to expect that if information had been obtained for these cases, some portion would have been declared as errors in reported attendance.

The fact that the rate of "Never Attended" classifications is twice as high among vocational/proprietary schools as in other sectors is consistent with descriptions of the incidence of last minute withdrawals and dropout rates at these schools, adding face validity to this view.

However, we do not believe that the evidence is strong enough to rule out alternative interpretations. One reasonable possibility is that many of these instances of reported attendance result from errors in the coding of careless, incomplete or marginally legible school names written by respondents into survey questionnaires. Conceivably, then, respondents may have in fact attended some form of postsecondary school, but the data in the questionnaire files may be wholly or partially inaccurate for these individuals. If this were true for each discrepant case, then the questionnaire files would accurately reflect the extent of postsecondary educational activity, but would include measurement errors of the specific school attended.

A third alternative seems to us equally persuasive. Although there were 863 classifications of non-attendance, only 342 individual sample members were classified as out-of-scope as a result (40 percent of the transcripts so classified, but only 4 percent of the 7,776 sample members for whom one or more transcripts were sought). For these individuals, only one transcript was requested, and school officials returned a report of no or insufficient attendance. Thus, the other 521 instances represented at least the second transcript requested for the same sample member.

Although a detailed analysis has not been possible, it is conceivable that many of these individuals may have attempted to report the same institution in both HS&B follow-up surveys, but in one instance returned a low quality response resulting in a coding error for one of the two reports. If a transcript was returned for the correctly coded school, a thorough analysis of its contents could shed considerable light on the nature of the apparently erroneous report. The contract for data collection and processing did not include support for this type of analysis. However, the public use data files contain data records for all 7,776 sample members for whom transcripts were requested (including the 342 classified as out-of-scope), and includes separate records for each transcript requested (including the school identifiers for the 863 transcripts classified as out-of-scope), thus providing researchers with all the material needed to fully assess the issues of measurement error. Chapter 4 of this manual describes the contents of the variable FINDISP stored on each of the transcript-level identified and further analyzed.

Users should note, however, that the adjusted weights attached to the transcript file apply only to the 7,434 "in-scope" sample members. The additional 342 cases have been treated as "out-of-scope," rather than as non-respondents.

2.3.3 Student-Level Data Collection Results

Transcripts were sought for 7,776 HS&B 1980 senior sample members who reported attending any type of postsecondary school since leaving high school. Reports of postsecondary attendance were obtained from HS&B first and second follow-up survey questionnaire responses. To be eligible for the transcript study, respondents must have provided specific information (i.e., the name and, desirably, the city and state) about at least one of the postsecondary schools attended. As described above, reports from school personnel indicated that 342 individuals who reported attending only one postsecondary school had not actually attended those schools (or had not completed enough work to have established a formal record). Table 2.3.3 presents distributions of the number of transcripts received for each student. Excluding the 342 out-of-scope cases, one or more transcripts were obtained for 93.4 percent of the 7,434 enrollees. A single transcript was received for 4,887 cases (66 percent of this group). Two transcripts were processed for 1,716 individuals (23 percent) and three or more transcripts were obtained for 344 sample members (over 4 percent).

In addition to collecting multiple transcripts per case, many transcripts contained information about credits transferred from other schools. Transfer credits were specially flagged in the data files to assist researchers in avoiding double counting of earned academic credits by those who attended more than one school. Nearly 1,500 individuals have transfer credits documented in their transcript records. Chapter 4 of this manual describes the variables TRNSFERS on the student-level record and TRNSFERT on the transcript-level record in the data files, and explains their use in identifying individuals and transcripts containing transfer credits.

Table 2.3.3 Number of Transcripts Received: HS&B Postsecondary Education Transcript Study

Number of Transcripts	N (cases)	Percent of cases
None	487	6.6%
One	4,887	65.7%
Two	1,716	23.1%
Three	310	4.2%
Four or more	34	0.5%
Total	7,434	100.1%
Not in scope	342	4.4% of initial sample

3. DATA PREPARATION

3.1 Data Preparation Objectives

The structure and contents of postsecondary transcripts reflected the great variability in the schools from which they were obtained. Although transcripts from public and private 2-year and 4-year colleges were generally similar with respect to the data they contained, they nevertheless differed in their physical layout and in the terminology used for identical or related concepts. Early in the design stage it became apparent that the superficial similarities in many transcripts give way to countless differences in the way academic progress, especially course grades and credits, are measured and recorded.

The variability across institutions in the details of transcript information defies any simple reconstruction or homogenization. Virtually any element on an academic transcript, including such seemingly straighforward items as course titles, may be subject to highly particularized local conventions whose logic may be independent of, or even contravene, common practices. For example, it is not uncommon to find courses in English composition merged with other content and carrying formal names suggesting that they belong in the social sciences curriculum. Only consulting course catalogs and descriptions of departmental offerings permitted faithful coding of these types of courses. Even more problematic was the issue of standardizing metrics for such typical transcript elements as grades or credits. For example, the notion that one school's grading or credit system can be equated to another's by a simple linear transformation of scores may have been defensible for secondary school grades. Attempting the same sort of "equating" with postsecondary school grades and credits carries the risk of introducing systematic errors into complex analyses.

In preparing the data for conversion to standardized, machine readable data files, NORC's approach was to impose a common structure or organization on the transcript information, but to preserve to the extent feasible the actual information contained in the original documents. Thus grades and credit values are stored as they were reported, and have not been transformed to any common metric. Such fields as degrees and credentials earned, major and minor fields of study, and titles of courses taken have been assigned numeric codes as explained below, but also have been recorded in alphanumeric fields exactly as they were reported on the transcripts.

The data preparation procedures were designed to provide researchers with the maximum amount of information available from transcripts in a carefully organized system of files, and to avoid either offering or imposing any particular view of the relative equivalence across institutions of measures of exposure to educational materials or measures of performance of the students. This approach places some additional burden upon transcript data users to gain familiarity with the variability across institutions and sectors in the data values stored in such fields as grade point averages, course grades and credits. Our exposure to these data during their collection and processing leads us to conclude that the effective use of these complex files in educational research should include detailed assessments by each analyst of the properties of all transcript elements of interest.

As described in detail below, data preparation was carried out by a staff of 20 specially trained coders under the guidance of four supervisors. The data preparation task included the activities of analyzing the transcript document to determine its general organization and special characteristics, abstracting standard information from the highly varied documents onto a common format, and assigning standard numerical codes to such transcript data elements as major and minor fields of study, degrees earned, types of academic term, titles of courses taken, grades and credits.

3.2 Data Organization

Transcript data were organized into a four-level hierarchy consisting of data at the student, transcript, term, and course levels. Exhibit 3.1 shows the general organization of the transcript database. At least one student-level and one transcript-level record is provided for each sample member for whom a transcript request was made, even if school personnel reported that the individual had never attended, or had not completed enough work to establish a formal record. A special disposition code on a dummy transcript record flags the records in this category. (See Chapter 2 above for a full discussion of the issue of out-of-scope cases.)

Student-level data refers to information about the respondent's educational career in general. These records contain case ID numbers to permit merging transcript data with other files, relevant questionnaire data from the HS&B base year and follow-up surveys (e.g., self-reported high school program, high school grades, and so forth), composite and derived variables from survey data (base year SES quartiles, achievement test quartiles, etc.), data on the respondent's high school, and sampling weights. Student-level records also include data summarizing information found on transcripts for all postsecondary schools attended (e.g., an educational activity state measure for several time points between 1980 and 1984, and the total number of credits received in a subject area).

The transcript level of the hierarchy contains data pertaining to a student's academic record at a single institution. Elements stored at this level include the institution's ID number (FICE code or vendor number), degree(s) or other credentials awarded with accompanying dates, major and minor field(s) of study, and the student's overall grade point average (GPA).

Term-level records store information associated with specific units of instruction. In most cases, term records refer to commonly understood academic terms, such as semesters, quarters, or trimesters. Thus term-level information includes the type of term, its season, and, starting and end dates, the type and characteristics of the grading system employed during the term (e.g., A-F letter grading or numerical scoring), and a field indicating the number of courses taken (and hence the number of course-level records attached) during the term. The term-level record was also used to store transcript information on credit-bearing educational activities other than course taking. These elements included scores for major standardized tests (e.g., CLEP, GRE, LSAT), as well as work and other life experiences for which academic credit was granted.

Course-level records store the data for each course taken by a student during a specific term. The title of the course was entered verbatim from the transcript. Courses were then assigned one of 1,175 6-digit academic or vocational program codes contained in the CS publication, A Classification of Instructional Programs (Malitz, G.S., et al, Washington, D.C.: National Center for Education Statistics, U.S. Department of Education, 1981, hereinafter referred to as "CIP"). The CIP taxonomy divides all instructional programs into 50 major program areas, which are further divided into 371 program subgroupings and 1,175 individual programs. A list of CIP classifications is included as Appendix D. The number of credits attempted and the grade received by the student for each course were also entered.

EXHIBIT 3.1

POSTSECONDARY EDUCATION TRANSCRIPTS STUDY: DATA ORGANIZATION

I. Student-Level Record
  - - Student ID
  - + Numbers of transcripts requested and received
  - + Flag for presence of transfer courses on any transcript
  - + Counts of regular credits for 50 major subject areas
  - + Counts of transfer credits for 50 major subject areas
  - - Survey data and composite variables from student data files
    - - Socio-demographic variables
    - - Characteristics of secondary school attended
    - - Composite HS&B achievement test scores
  - - Sampling weights
  - + Activity state indicators constructed from transcript data
  - + Cumulative credit counters constructed from transcript data

II. Transcript-Level Record
  - * Student ID
  - + Sequence Number (to permit sorting of multiple transcripts)
  - * Degree(s) Awarded (Y/N)
    - * Types of Degrees
    - * Names of Degrees
    - * Honors Received in Conjunction with Degrees (Y/N)
    - * Dates of Degrees Received
      - * Month and Year
  - * Overall Grade Point Average for Program
  - * Field(s) of Study
    - * Major(s)
      - * Name(s)
      - * CIP Code(s)
    - * Minor(s)
      - * Name(s)
      - * CIP Code(s)

III. Term-Level (see Exhibits 2.3 and 2.4)
  - * Type of "Term"
    - * Types Other Than Academic Terms
      - * Test(s), Other Than Tests
    - * Types of Academic Terms
      - * Semester, Trimester, Quarter, Variable Length
  - * Institutional Context of Term (i.e., non-transfer or transfer)
  - * Date of Term (Month OR Season and Year)
  - * Grading System in Effect During Term (Letter or Numeric)

IV. Course-Level (see Exhibits 2.5 and 2.6)
  - * Name of Course
  - * CIP Code for Course Subject Area
  - * Grade Received
  - * Credits Attempted

* denotes an item entered from transcripts via the CADE program
+ denotes an item derived from transcript data, but not entered directly
- denotes an item merged from other data sources

3.3 The Computer Assisted Data Entry (CADE) System

3.3.1 The CADE Concept

Conventionally, in large-scale social studies, the two major data preparation tasks, editing/coding and data conversion, are typically performed in sequence, and by different individuals. Editor-coders are trained to follow clearly defined procedures to abstract, classify and systematize data, and to identify any problems in collected data for resolution by supervisors or researchers. Edited and coded documents are then passed to the data conversion operators (typically key-entry operators, or increasingly, operators of optical scanning devices) for efficient and accurate conversion of data to machine readable form. In the usual case, most often the processing of responses from survey questionnaires, the training and skills appropriate for a coder would differ considerably from those for a key-entry operator, and vice-versa.

The postsecondary transcripts study presented the special problem of abstracting, coding, and organizing data from a large number of forms (over 28,000 for both CS cohorts) of greatly varying appearance and content. Compared to the typical survey questionnaire, the amount of data to be keyed per transcript was very small (even though the number of transcripts to be processed was large). Perhaps most important, the greatest share of the coding task involved the use of a moderately complex taxonomy to assign CIP codes to course titles, degrees and fields of study. (Approximately three-fourths of the editor/coder's task was judged to be this type of coding.)

Previous experience on complex data abstraction studies involving small amounts of keyed data suggested that combining the tasks of coding and data conversion in a computerized coding program would offer efficiency gains. After investigating several alternatives, NORC adapted its proprietary Computer Assisted Data Entry (CADE) system for processing postsecondary transcripts.

Under the adaptation for the Postsecondary Education Transcript Study, a single member of the data preparation staff reviewed a given transcript, identified in-scope data, made classification decisions (e.g., assigning standard subject codes to courses), and entered all pertinent information into a computer file. Combining these steps ensured that transcripts would be handled as internally consistent, integrated records of an individual's educational activity. Moreover, since all transcript processing occurred at a single station, the use of CADE reduced the number of steps at which records might be lost or misrouted, or other errors introduced into the database.

3.3.2 Computer Hardware and Software Used

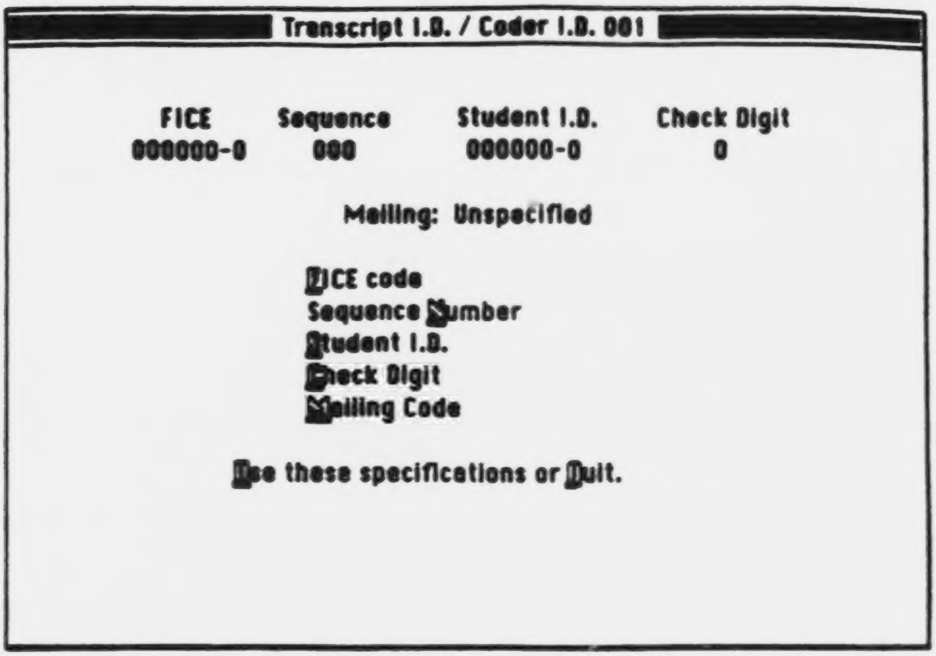
The postsecondary transcript implementation of the CADE program was written at NORC in the Pascal programming language for the Apple MacIntosh microcomputer. Each of twenty transcript coders was assigned a personal computer for the coding task. The program prompted the operator, in sequence, for all of the data elements marked with the "*" symbol in Exhibit 3.1. The program would continue to repeat the cycles of term records within transcripts and course records within terms until the operator indicated that all data had been entered. Certain features of the program were "menu-driven," to permit access to any level of the data hierarchy for revisions, error correction and so on.

The following exhibits illustrate a few of the entry screens presented by the CADE system for handling transcript-level, term-level, and course-level data. Each box depicts a MacIntosh computer screen exactly as it appeared to coders.

The CADE program enforced predetermined range and value limitations on each field. Thus CADE operators could not enter an illegitimate ID number for a postsecondary institution or a sampled student. Other program features prevented the entry of an illegal student-school combination. Only legal CIP codes could be entered for fields of study or course title codes. Grades and credit values could be entered only from specified ranges (see, for example, Exhibit 3.4).

The most challenging part of the coding task was the classification of fields of study and course titles using the CIP taxonomy. As described below, coders were extensively trained to use the CIP manual, course catalogs and other school materials to accurately assign 6-digit program codes. To supplement conventional uses of the CIP manual, the CADE program included a computerized version of it. When activated, coders were able to use the exceptional speed of the MacIntosh's Motorola 68000 microprocessor to search for and display CIP codes and their definitions. Alphabetical (string searches) and topical (numeric searches) for appropriate CIP codes were thus possible (at various levels of generality/specificity).

This feature of CADE increased the speed and efficiency of course coding by providing each coder with the capability of a nearly instantaneous yet comprehensive review of all plausible CIP code choices. However, because this feature was potentially subject to abuse by coders who might be tempted to guess program codes rather than consult course catalogs and the full CIP manual, coders were not given access to the the automated CIP search feature until their unassisted performance surpassed established quality control standards monitored daily by their supervisors. Coders who fell below the standard were deprived of the search facility until their error and discrepancy rates returned to the acceptable range.

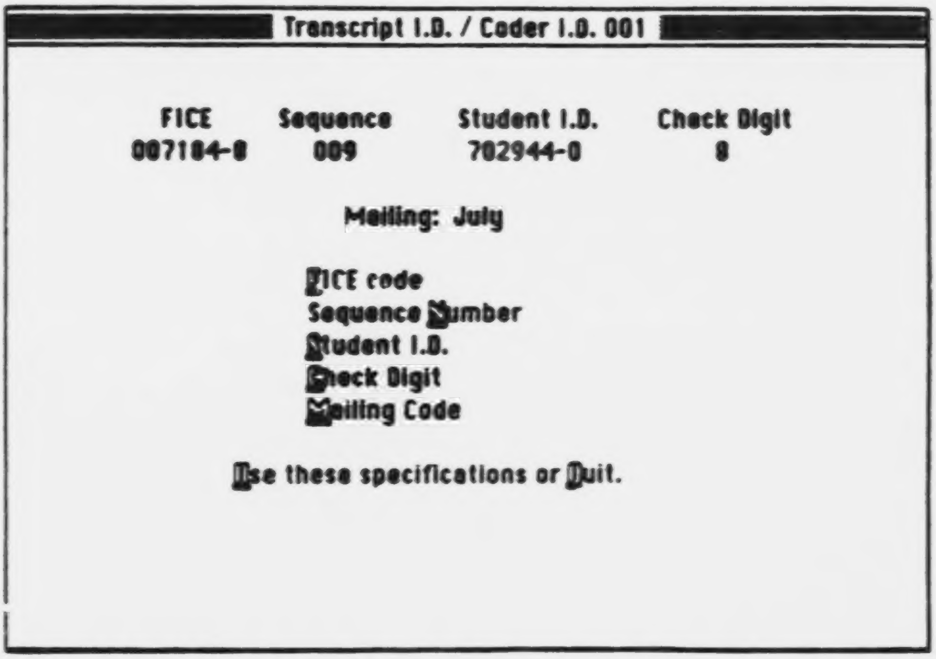

Transcript I.D. / Coder I.D. 001

FICE	Sequence	Student I.D.	Check Digit
000000-0	000	000000-0	0

Mailing: Unspecified

FICE code
Sequence Number
Student I.D.
Check Digit
Mailing Code
Use these specifications or Quit.

EXHIBIT 3.2 The initial CADE screen displaying transcript-level identification fields

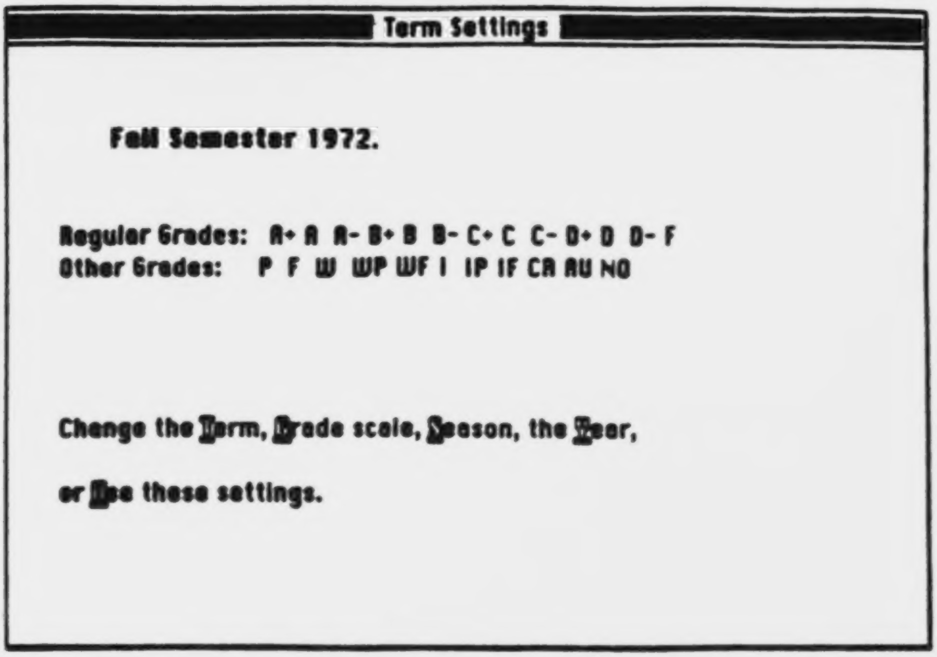

Transcript I.D. / Coder I.D. 001

FICE	Sequence	Student I.D.	Check Digit
007184-8	009	702944-0	8

Mailing: July

FICE code
Sequence Number
Student I.D.
Check Digit
Mailing Code
Use these specifications or Quit.

EXHIBIT 3.3 Fields have been selected by typing the corresponding (outlined and underlined) letter and values have been entered for each field.



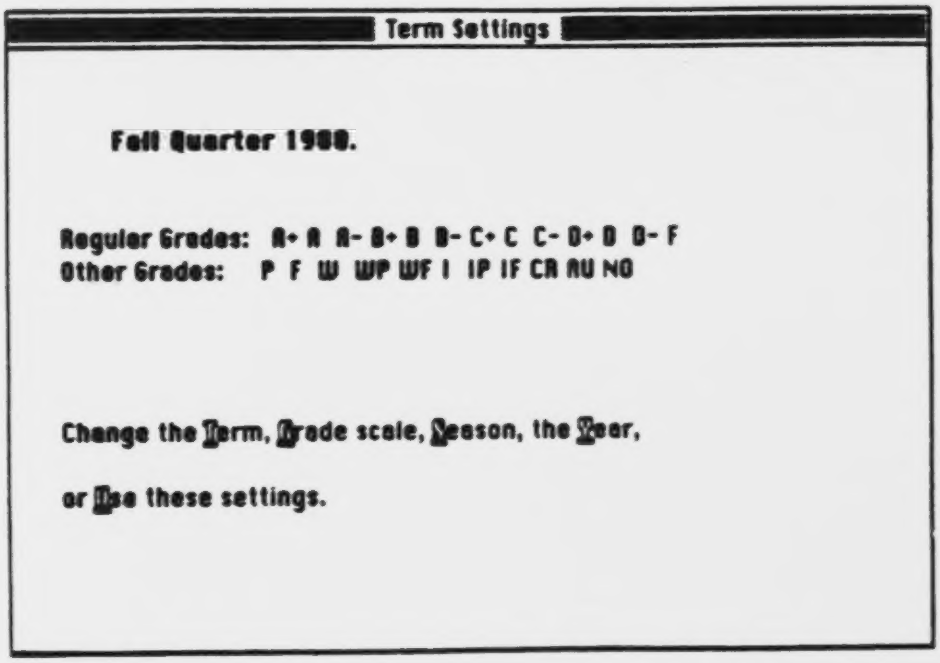
Fall Semester 1972.

Regular Grades: A+ A A- B+ B B- C+ C C- D+ D D- F
Other Grades: P F W WP WF I IP IF CR AU NO

Change the Term, Grade scale, Season, the Year,

or Use these settings.

EXHIBIT 3.4 Term-level variables are displayed for coder selection. "Fall Semester 1972" is the default setting against which changes are entered as appropriate



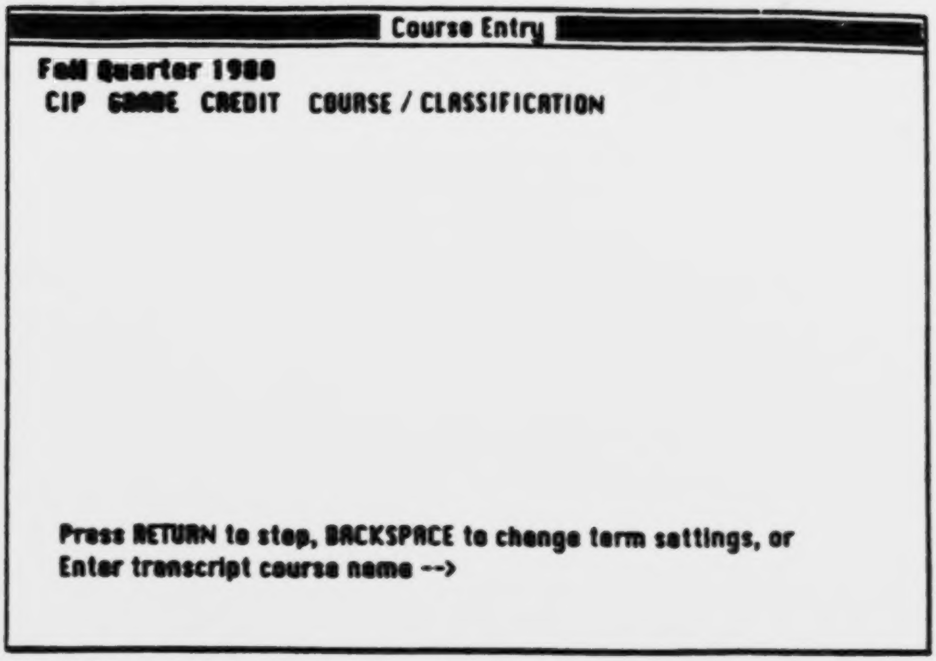
Fall Quarter 1988.

Regular Grades: A+ A A- B+ B B- C+ C C- D+ D D- F
Other Grades: P F W WP WF I IP IF CR AU NO

Change the Term, Grade scale, Season, the Year,

or Use these settings.

EXHIBIT 3.5 Term Type and Year have been changed from the default values

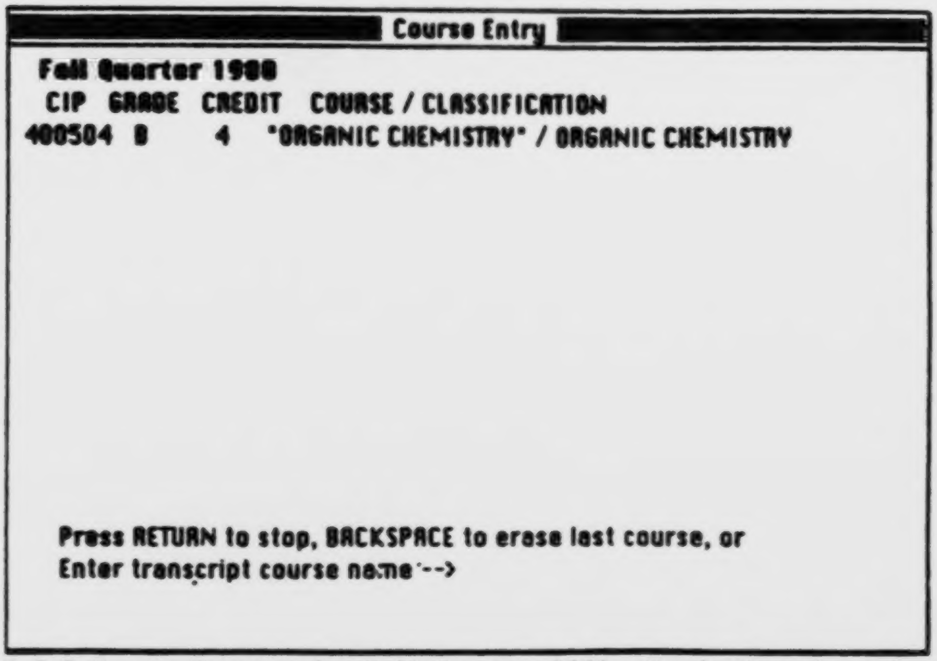


Fall Quarter 1980

CIP GRADE CREDIT COURSE / CLASSIFICATION

Press RETURN to stop, BACKSPACE to change term settings, or
Enter transcript course name -->

EXHIBIT 3.6 Since the Term Settings have been selected, Course-Level Data may be entered. The screen shown displays the prompt for entry of the name of the first course listed on the transcript under Fall Quarter 1980.



Fall Quarter 1980

```
 CIP   GRADE  CREDIT  COURSE / CLASSIFICATION
400504 B      4       "ORGANIC CHEMISTRY" / ORGANIC CHEMISTRY
```

Press RETURN to stop, BACKSPACE to erase last course, or
Enter transcript course name -->

EXHIBIT 3.7 Course Entries for Fall Quarter 1980, displaying the coder options (prompts) for ending the Term, correcting the entry, or proceeding to the next Course in the same term.

3.4 Coder Training

Nine days of intensive training were provided for the coding staff immediately prior to beginning work. The training involved formal classroom instruction (five days) as well as independent coding practice and drills (four days). The training was longer and more extensive than is usually provided. This was attributable to the novelty of the coding/data entry technique employed, the large scale and complexity of the task and the relatively large coding staff, and the vast range of program and course subject matter areas with which coders required familiarity. The benefit of the training investment was immediately apparent in the high quality of the coding work (both initially and throughout the period of activity) and the exceptionally low turnover rates for the coding staff.

In the classroom, four major topics were addressed: 1) the hierarchical data organization, 2) the variations of form and content among postsecondary transcripts, 3) operation of the CADE program on the MacIntosh computer, and 4) the CIP system for course and program coding.

After a review of the overall data record hierarchy, coder trainees studied transcript samples from a wide variety of postsecondary schools. Exercises were conducted during which trainees identified in-scope data on the transcripts and their place within the data hierarchy. Skill in using the MacIntosh-CADE computer system was developed through a self-guided "hands-on" tutorial in addition to classroom instruction. Finally, a major component of the classroom work was devoted to an in-depth orientation to the basic logic of the CIP system for coding programs of study and courses.

During the four-day period of independent transcript coding practice, ten increasingly difficult familiarization exercises were given to assure each coder's achievement of a sound grasp of the CIP classification scheme, its broad topical outlines, and its technical conventions.

3.5 Quality Control

In addition to the continual availability of coding supervisors for technical consultation and guidance, four procedures were used to assure the accuracy of transcript coding. These included the error-prevention features within the CADE program; the development, circulation and continual updating of a set of policy decisions for resolving technical coding issues; visual comparison by supervisors of printouts of CADE records with the original transcript records; and examination of computer analyses of CIP code utilization.

In addition to monitoring procedures, coders' work was organized to promote efficiency and consistency of judgments. Teams of coders were designated to process the majority of the vocational and proprietary school transcripts, whose programs were generally quite different from those at conventional colleges. This pattern encouraged the development of greater expertise and efficiency in handling vocational records. Also, except in the largest schools, all transcripts from a school were handled by the same coder, promoting better understanding of the school's scheduling, grading and course-naming conventions.

The CADE program itself performed three types of error-screening. Through a check-digit system, the program disallowed entry of incorrect identification data (i.e., school FICE codes, student ID numbers, and combinations of schools and students). Furthermore, each data field was programmed to disallow entry of illogical or otherwise incorrect data. For example, a coder was automatically prevented from entering a letter grade for a course if a numerical grading system had been specified on the term-level record under which the courses were listed. Finally, for each CIP code selected to classify either a field of study or a course, the CADE program automatically displayed, for confirmation, the CIP program name (label) for the code chosen next to the name (from the original transcript) that the coder had entered. Thus, a mistakenly typed but legal CIP code could easily be spotted before the course record was written to disk.

As unanticipated situations arose during the coding period, a policy decision-making protocol was followed. Accordingly, questions were deferred to the appropriate supervisory level at which technical coding policies were set. These decisions were immediately distributed to the coders in the form of supplements to a loose-leaf coding policy manual.

Data entered to the MacIntosh computers via CADE was stored on 3.5 inch diskettes. Although the diskettes proved to be highly reliable, no more than three day's work was stored on a single diskette in order to reduce the risk of unreadable diskettes. A sample of CADE transcripts was selected and printed from every data disk completed. For supervisory review of course coding, the text of the CIP classification chosen was printed adjacent to the course/program name as it was recorded verbatim from the original transcript. Each printout was carefully examined by a coding supervisor who calculated error and discrepancy rates and reviewed their findings with the appropriate coders.

Following the up-loading of data from the MacIntosh-CADE data disks to the mainframe computer system, CIP-utilization lists were generated which displayed, for each coder, all verbatim transcript course-names according to the CIP-code chosen for their subject area classification. This procedure facilitated both the prompt discovery of miscoded courses and feedback to the coders involved.

4. DATA PROCESSING

Data processing activities began with the construction of the subsample of postsecondary attenders from the main survey files, and the creation of lists of institutions from which transcripts were to be requested. They continued with the development of programs and materials to request transcripts and to monitor data collection activities, and with the adaptation of NORC's Computer Assisted Data Entry (CADE) system for the abstraction and coding of transcript information. These activities have been described in Chapters 2 and 3 of this manual. Once transcript data was converted to machine readable form and uploaded from microcomputers to mainframe facilities, further processing included computer editing of the data, the restructuring of transcript subrecords into a set of four rectangular data files for efficient storage, and the creation of sets of program control files to permit the construction of analysis files using either SAS or SPSS, the two most commonly used statistical packages for analyzing NELS datasets. Finally, two sets of adjusted sampling weights for making population estimates with transcript and other survey data were created. This chapter describes the activities from machine editing through data file construction. Sampling and weighting are the subject of Chapter 5.

4.1 Machine Editing

As described in Chapter 3 above, the CADE program was designed with extensive controls on data entry, resulting in very low error rates for all elements in the raw data. The computer editing strategy was guided by the same principles as the CADE design process. That is, a highly flexible approach was necessary to accommodate the tremendous variation in format and quality of transcripts.

First, a thorough analysis was made of the distribution of values for each separate item in the raw data files. The purpose of this check was to identify data values that, based on knowledge of and experience with transcript data, appeared to be errors. Because of the extensive "front-end" cleaning performed by the CADE program, the bulk of the raw data items appeared to have very few errors, with the average error rate less than one half of one percent. In most instances, stray codes and illegal values were the results of rare, random errors introduced during the data transfer (uploading) process, or the results of specific keying errors that could not be prevented in a cost effective manner by the CADE program.

The most commonly detected errors were those resulting from the inappropriate entry by coders of missing values for data elements. In the database design stage, it was determined that a single missing value code would suffice to indicate that the transcript did not contain a given data element (for example, grades or credits were not always reported for courses transferred from another institution). For all data elements, missing data was to be specified by filling the field with "9"s, (i.e., 99, 999, etc., depending on the number of character positions reserved for the element). During the early stages of coding and data entry, some coders were inconsistent in the use of this convention, resulting in a small number of easily corrected errors. Virtually all of these errors consisted of the entry of too few digits for the field being coded. For example, if a course title on a transcript was missing or unintelligible, coders were to enter the missing value for the six-digit CIP code, "999999." Some coders used 999 while others may have used 9999. In other cases, coders entered nothing (resulting in blanks or zeroes in the data) when they should have indicated with strings of "9"s that the particular data were missing. Correction of these errors and the enforcement of a consistent missing value code was a straightforward procedure since for virtually all transcript data elements, the illegally short string of "9"s did not constitute a legal value.

Besides the problem with missing values indicators, three data items required additional editing: course grades, course credits, and grade point averages (GPA). Each of these fields contained erroneous values, although in no case did illegal (out-of-range) values represent more than a small fraction of one percent of all observations for any variable. Some of these errors were obvious miskeys of a type not detectable at the time of data entry. These were easily corrected. Other errors could not have been corrected without retrieval of the original transcript. In general, the single item error rates were so low, and the costs of cleaning by retrieving the record from the files of over 32,000 transcripts (for both HS&B and NLS-72) so high, that these few errors were generally eliminated by assigning missing values to the data elements.

4.2 Organization and Content of the Data File

The CADE program processed data at three levels described in Section 3 above: transcript, term, and course. The design of the final data files called for an additional data level, the student-level, under which all transcript data for each sample member would be ordered. The student record was formed by aggregating all records for an individual student, merging data from the sampling and receipt control files, computing a series of composite variables based on data from all of a student's transcripts, and finally merging in a set of composite variables from the main HS&B second follow-up survey data tapes.

In designing the final transcripts database, data storage efficiency was a major consideration. A standard rectangular file organization was ruled out because the amount of space required to handle the maximum record length for every case was impractical. Further, because the amount of data stored for each case was extremely variable (most cases had an average of one transcript, about 8 terms, and about 31 courses, but some cases had three times this amount of data), a flat file structure would have been populated with empty data fields for most cases.

To optimize storage space for the vast amount of information in the transcript study database, each of the four record types (student, transcript, term and course records) was written to a separate file. Analysts may use the four files individually or jointly, depending upon the specific research objectives. For many analyses, researchers may find it sufficient to use only the composite variables from the questionnaire and transcript files stored on the student-level records. For other purposes, merging the student- and transcript-level records will provide the amount of detail desired. However, for most studies, it will be necessary to merge all four files into a single hierarchical file in which courses are nested within terms, terms within transcripts, and transcripts within students. Once this merged file is created, analysts may construct any number of composite indicators of educational activity, and then reduce the data matrix to keep only the variables essential to the analysis in a rectangular file with one record per student. Managing the data in this way will reduce storage costs for on-line datasets and will minimize the computing (CPU) time necessary to obtain results. Guidelines for merging the four files are presented in Section 4.3 below. Record layouts showing the position and format for each data element in each record type are included in Appendix E.

The student and transcript record data files contain information for all 7,776 survey respondents who reported postsecondary educational experiences in any wave of the survey. Each member of the initial sample (including the "ineligible" cases described in Sections 2 and 5) has a student-level record in the file. A transcript record was created for each requested transcript, even if the transcript was not returned, or if school officials reported that a student had never actually enrolled. Cases for whom transcripts were requested but not received have "dummy" transcript records in the file.

On each transcript record is a disposition (status) code showing either that the transcript was received and processed, and that term and course records exist in the appropriate files, or showing the reason (if known) that the transcript was not received (e.g., school had closed, records lost or unavailable). For cases (transcripts) defined as out-of-scope (see Chapters 2 and 5), this disposition field contains the code indicating that the school reported that the student never attended the named school and that no transcript exists. Users should note that any given sample member may have a combination of transcript records classified as "received and processed," "not received, but in-scope," and "out-of-scope" associated with his or her student-level record. For conventional analyses of these data using the adjusted weights attached to these files, it is strongly recommended that analysts first purge from the files all 829 cases (including ineligibles and eligible non-respondents) with no transcripts in the file. This is easily accomplished by dropping cases who have a value of "0" for the variable NUMTRANS (tape position 9-9) on the student-level record.

Associated with each "in-scope" transcript are one or more Term Records containing data for each of the terms reported (No term or course records were created for cases for whom no transcripts were received). Separate course records were created for each unique course taken within a term, including failed and audited courses. A full description of each of these records, including specific data items follows.

4.2.1 The Student Record

As noted above, a student-level record was included in the database for every sample member for whom a transcript was requested, including those who later proved to be ineligible (never attended), or for whom no transcripts were received. Student-level records contain identifying and survey control data, aggregations of credits earned across all transcripts, activity state pointers, composite variables from the main HS&B files, and weights.

A total of 342 student-level records exist for out-of-scope cases. These records should be omitted from conventional analyses. Although raw weights have been included for these cases to permit the calculation of additional customized weights, the adjusted weights for ineligible cases is always set to the value "zero" (see Chapter 5).

Specific data items in the student-level record are described below. For each data element we show its SAS or SPSS system file variable name (a mnemonic of up to eight characters), its physical tape position on the data record (in parentheses), a short description of the field contents and the nature of the values stored in the field. Frequency distributions for all categorical variables on the Student Record are displayed in the Codebook that follows Chapter 5.

Field	Tape Position	Description
1. RECTYPE1	(1-1)	A record type indicator. A value of "1" indicates a Student Record.
2. STUID	(2-7)	The standard 6-digit student identification code that can be used to link each student with other records such as Transcript or Term records. It also can be used to link to the main survey data file or other school or student files.
3. REQTRANS	(8-8)	The total number of transcripts requested for the student. Values range from 1 through 7.
4. NUMTRANS	(9-9)	The actual number of transcripts received. Cases for which no transcripts were received are coded "0". However, a dummy transcript record was created for these cases. Values range from 0 through 4.
5. TRNSFERS	(10-10)	A flag that is set to "1" to indicate that transfer courses were processed for this student. The code "0" indicates that no transfer credits appeared on any transcripts received for the student. A value of "9" was entered for students for whom no transcripts were received (including ineligibles). A total of 1,481 HS&B cases had transfer credits.
6. RCRED01 through RCRED50 and RCRED99	(11-163)	Counts of "regular" (i.e., non-transferred) credits earned at non-vocational schools. These counts are computed across all transcripts from collegiate (including 2-year and 4-year colleges and universities) processed for a student. The mnemonics for the counter variables are based on the highest level of aggregation (i.e., the first two digits of) the course CIP code. Thus, RCRED20 is the count of regular credits for courses with CIP codes in the range of 200000 through 209999. (RCRED99 counts regular credits earned in courses which could not be assigned an existing CIP code and were assigned the course code of "999999".) The value "0" is stored in

these fields if the student took no courses in the designated CIP category. Cases with no transcripts in the file (including ineligibles) were assigned the missing value "999." Transfer courses are excluded from these credit counts.

No attempt was made to standardize the values of credits across collegiate institutions. These variables contain the sums of the credit values as reported on the transcripts. See section 4.4 below for a discussion of the issue of standardizing credits and grades across institutions.

In most of these fields, the total number of regular credits ranged between 0 and 100 credits. A very few individuals have credit totals greater than 100 in a specific program area. Data users may wish to examine these few cases with extreme values before including them in analyses.

7. TCRED01 through TCRED50 and TCRED99 (164-316) Counts of transfer credits appearing on all collegiate transcripts for a student. They are analogous to the variables RCRED01 through RCRED99 except that only credits that appear as transfer credits are counted.

Data users should note that there was no cost-effective means for ensuring that transfer credits were not double counted. That is, it is conceivable (although very unlikely, given the numbers of cases involved) that the same credits transferred to more than one institution were counted more than once in calculating these sums. Since only about 20 percent of the cases have any transfer credits, and since relatively few students (about 4 percent) received transcripts from more than two schools, double counting of transfer credits appears to be unlikely.

Students with no transfer credits in the designated CIP category have values of "0" in these variables. Students with no transcripts in the file (including ineligibles) are assigned the missing value of "999." Regular credits are excluded from these counters.

As for the "regular" credit sums, no attempt was made to standardize the values of transfer credits across institutions.

The total number of transfer credits for any individual was generally small. The largest observed value was 47 credits in Business/Clerical courses for one sample member. Most values are less than 30 transfer credits.

The next 13 variables are composite variables extracted from the main HS&B second follow-up survey data file. They include the following:

8. RACE2	(317-319)	Composite race/ethnicity (taken from the second follow-up survey data file).
9. SEXCOMP	(320-320)	Composite sex (combines data from all survey waves to eliminate missing values).
10. SCHSAMP	(321-321)	High school sample type (see Chapter 5 for a description of the base year high school sample stratification).
11. HSPROG	(322-322)	Self-reported high school program (General, Academic or Vocational).
12. PARTIC	(323-325)	A set of flags indicating whether the sample member completed questionnaires for the base year, first, and second follow-up surveys. This field may be treated as three binary fields coded as "1" if the student participated in a survey, and "0" otherwise. A student who participated only in the base year survey would have the value "001," while a student who participated in the first and second follow-ups would have the value "110." Those who participated in all three waves (7,085 cases or 91 percent of the transcript study sample) have the value "111."
13. SCHREGN	(326-326)	The census division in which the student's base year high school was located.

14. HSREGION	(327-329)	A second variable storing the location of the student's base year high school. This item is stored as a three-position numeric field with one decimal place (F3.1), enabling the user to collapse the nine census divisions into the four standard census regions by ignoring the decimal value.
15. HSURBAN	(330-330)	An indicator of the degree of urbanization of the location of the student's base year high school. The values stored are "1" Urban (within a central city of an SMSA), "2" Suburban (within an SMSA but outside the central city area), and "3" Rural (outside a designated SMSA). These data were copied from the commercially produced file of secondary schools that was used as the core of the universe tape from which the HS&B base year school sample was drawn.
16. BYSCHDAT	(331-331)	A flag set to "1" if base year school data was collected and processed for the student's base year school (98 percent of the cases are coded "1").
17. BYTEST	(332-337)	The student's composite, standardized base year achievement test score (including Reading, Vocabulary and Mathematics components). This field stores the test composite in continuous format. The following field stores test quartile values.
18. BYTESTQ	(338-338)	The quartile of the weighted distribution of base year test scores in which the student's composite test score falls.
19. BYSES	(339-344)	The composite, standardized base year SES scale score constructed from measures of father's occupation and education, mother's education, family income and material possessions in the household. This field stores the SES composite in continuous format. The following field stores SES quartile values.
20. BYSESQ	(345-345)	The quartile of the weighted distribution of the SES measure into which the student's composite SES scale score falls.

21. HSGRADES	(346-346)	Self-reported high school grades (in response to an item in the base year student questionnaire). The values range from "1" for As or mostly As or grades of 90 to 100; through "8" for below D or average grades of less than 60. The missing value "9" is assigned to cases who did not respond to this item or to the base year survey.

Three weights are attached to the student-level records (see Chapter 5 for a full discussion of weighting procedures).

22. RAWWT	(347-353)	The raw weight indicates the number of cases in the population that the sample member represents. It is calculated as the inverse of the student's overall selection probability. The raw weight is unadjusted for the presence or absence of any data elements. It is not generally useful for data analyses, but forms the basis for the calculation of additional weights that are adjusted for nonresponse. Values for RAWWT have been included for ineligible cases to allow users to construct additional adjusted weights for specific purposes.
23. WT1	(354-360)	The raw weight adjusted for the presence of at least one transcript in the data file. The value of this weight ranges from "0" for ineligibles and cases for whom no transcripts were received, through a high of over 1,400 for majority white students sampled with relatively low probabilities for the HS&B follow-up surveys. WT1 should be used for calculating statistical estimates using the 6,947 cases with at least one transcript in the file.
24. WT2	(361-367)	The raw weight adjusted for the presence of transcript data AND data from all three survey waves (base year through second follow-up). The value of this weight ranges from "0" for ineligibles and cases who either are missing transcript data or any one of the three survey waves, through a maximum of over 1,100. This weight should be employed to analyze data from the 6,391 students with transcripts and the full complement of longitudinal questionnaire data. A full description of the

method of computation of weights can be found in Chapter 5.

25.	PSTSOC80	(368-368)
	CREDOC80	(369-371)
	PSTSFE81	(372-372)
	CREDFE81	(373-375)
	PSTSJU81	(376-376)
	CREDJU81	(377-379)
	PSTSOC81	(380-380)
	CREDOC81	(381-383)
	PSTSFE82	(384-384)
	CREDFE82	(385-387)
	PSTSJU82	(388-388)
	CREDJU82	(389-391)
	PSTSOC82	(392-392)
	CREDOC82	(393-395)
	PSTSFE83	(396-396)
	CREDFE83	(397-399)
	PSTSJU83	(400-400)
	CREDJU83	(401-403)
	PSTSOC83	(404-404)
	CREDOC83	(405-407)
	PSTSFE84	(408-408)
	CREDFE84	(409-411)
	PSTSJU84	(412-412)
	CREDJU84	(413-415)

These variables provide data on students for 12 points in time beginning in October 1980 and ending in July 1984. Within each year the student's enrollment status and school type along with the total cumulative credits earned to that point are recorded for the months of October, February, and July. Only "standard terms" are used for these calculations. These "standard terms" are semesters, trimesters, and quarters. In cases where the type of term could not be determined or no dates were available, courses in those terms were ignored. Variable names for Activity Pointers are formed with a root of PSTS concatenated with month and year. The root for Cumulative Credit Counters is CRED. The Codebook that follows Chapter 5 displays the values and frequency distributions for these variables.

Cumulative credit counts could be calculated as described for 6,303 HS&B cases. Counts were not calculated for 342 ineligibles, 487 ineligibles for whom no transcripts were processed, and 644 cases who either attended only vocational programs with non-traditional credits, or whose transcripts were missing data for all courses taken during the specified period.

4.2.2 The Transcript Record

One transcript-level record was created for each transcript requested for each sample member. There is at least one Transcript Record for every student; over one-third of HS&B sample members have multiple Transcript Records. For ineligible cases, or for eligible cases for whom a transcript was not received, the transcript-level record is a placeholder or dummy record where information about the transcript request (e.g., the institution's ID number, the final data collection status code, etc.) is stored. If a transcript was received and processed, the transcript record stores information related to the entire spell of attendance at that school, such as degrees received, grade point averages, whether the school accepted any transfer credits, and so on. Information related to specific terms of attendance or specific courses taken is stored on term- or course-level records, which may be linked by a combination of ID keys to the transcript record with which they were originally associated. There are a total of 11,288 Transcript Records in the HS&B senior cohort database.

Specific data items are as follows:

Field	Tape Position	Description
1. RECTYPE2	(1-1)	A record type indicator. A value of "2" indicates a Transcript Record.
2. STUID	(2-7)	The standard 6-digit HS&B student identification number that can be used to link the Transcript Record with other records such as the Student or Term records. It also can be used to link to the main HS&B survey data files or other school or student files.
3. TRANSNUM	(8-8)	A transcript record was created for each transcript requested for each sample member. This field stores the sequence number of a specific transcript for a particular student. If students attended more than one school, their transcripts were sorted by DEGMON1 and DEGYR1 (see descriptions below). A sequential transcript number was assigned and stored in this field.
4. FICE	(9-14)	This field contains the identification code (FICE code or vendor number) of the postsecondary institution from which the transcript was requested. Lists of FICE or vendor codes are included as Appendices B (numerical order) and C (alphabetical order).
5. TRNSFLAG	(15-15)	A data availability flag. When set to the value "1" indicates that a transcript was requested and received. This flag may be used to conveniently separate the 9,385 actual (coded) Transcript Records from the 1,903 dummy Transcript Records.
6. TRNSFERT	(16-16)	A data availability flag. When set to the value "1" indicates that transfer courses were reported on the transcript. A total of 1,658 transcripts received had transfer credits included.

7. FINDISP (17-17) This field contains the final data collection disposition for each separate transcript request. If the requested transcript was not received, the reasons for non-receipt is indicated by the value of FINDISP. Ineligible (out-of-scope) transcript requests are denoted by the value "3" in this field. The complete list of values is

9,385	"1" - Transcript received;
108	"2" - School refused to send transcripts;
863	"3" - School officials reported student never never attended; student reported non-existent school (i.e., diploma mill);
369	"4" - School reported transcript was lost or destroyed;
18	"5" - School closed; request packet undeliverable
545	"6" - No response from school.
Total 11,288	
In-scope 10,425	

8. PSREGION (18-18) This field indicates the U.S. Census region in which the postsecondary institution from which the transcript was requested is located. A fifth value indicating foreign schools is included.

9. INSTYPE (19-19) The type of institution from which the transcript was requested. Possible values are

"1" - Vocational or proprietary
"2" - Private, non-vocational college or university
"3" - Public, 4-year college or university
"4" - Public, 2-year college (non-vocational)
"5" - Foreign school
"6" - Unclassifiable school

10. TERMS (20-21) The number of terms reported on the transcript, and hence the number of Term Records associated with the Transcript Record. Data users should note that the use of the label "term" is somewhat broader than usual. In addition to "standard" school terms such as semesters, trimesters or quarters, some of the "terms" may be of

"non-standard" type, for example, "transfer terms" under which all transfer course credits were listed, "indefinite" terms of no fixed duration, or "exam terms" under which credits earned by examination were stored. With two exceptions, there is at least one term-level record for each transcript record that is not a "dummy" transcript record (created for ineligibles or for eligible transcripts not received). In these two exceptions, the transcripts had such unusual formats that no term or course information could be abstracted. The maximum number of term records associated with a transcript record is 30. Over 75 percent of the transcripts have 8 terms or fewer. About half the transcripts (47 percent) have 4 terms or fewer.

The next 18 data items (tape positions 22-81 on the Transcript Record) provide up to three sets of six pieces of information about educational credentials earned during the terms reported on the transcript. A maximum of three credentials (usually academic degrees) are described. For each degree, data are available on the type of degree, a text field containing the credential name as it appeared on the transcript, a grade point average associated with each degree, whether honors were conferred with the degree, and the month and year the degree was conferred. Specific items are as follows:

11. DEGREE1 (22-22)
DEGREE2 (42-42)
DEGREE3 (62-62)

These fields contain codes describing the types of degrees (B.A., M.A., etc.) earned and reported on the transcript. Up to three degrees were coded for respondents who earned multiple degrees (e.g., B.A., M.A., and Ph.D.) at the same school. Degrees were entered onto Transcript Records in the same order that they appeared on the transcript forms. About 3,100 of the transcripts contain information on at least one credential. Very few transcripts for HS&B sample members (approximately 50) indicated second or third degrees. These fields were included to maintain consistency with NLS-72 transcript files, in which additional degrees were more common.

Values associated with credential types are

"1" - Associate
"2" - Bachelors

"3" - Masters
"4" - Ph. D.
"5" - License
"6" - Certificate
"7" - No Degree reported
"9" - Missing transcript

12. DEGNAME1 (23-29)
DEGNAME2 (43-49)
DEGNAME3 (63-69)

These fields contain verbatim text of the degree name as it appeared on the transcript. These fields may be used to create finer divisions among the degree types than are available in the DEGREE(n) variables.

13. GPA1 (30-36)
GPA2 (50-56)
GPA3 (70-76)

These fields contain the grade point average associated with the nth degree listed on the transcript. If only one GPA was reported on the transcript, it was either attached to the degree designated on the transcript, or if not so designated, the single GPA was attached to the highest degree earned. In the great majority of cases only one degree and one GPA were reported on the transcript.

In the majority of cases a GPA was reported when no degree had been earned. These values were stored in the first of the three fields (GPA1).

Data users should note that the grade point averages stored in these fields reflect exactly the values (hence grade scales) reported by the institutions. No attempt was made to rescale these scores to a standard metric. Although the most commonly reported scores were based on a conventional four-point scale (where a grade of A is worth 4 points, B is worth 3 points, C is two points, D receives 1 point and failure receives 0 points), a few schools' grading systems departed widely from this norm.

Ninety-nine percent of the GPAs reported fell in the range 0 to 4.0. Only 63 transcripts contained values greater than 4. Of these, only 23 transcripts showed GPAs greater than 5.0. The user should carefully examine the distributions of data values for these items before including them in any analyses.

Information was not always available to determine whether the GPA reflected a 4-point grading system or some alternative. The variable GENGPA described below represents one attempt to standardize the calculation of GPA to a common numeric scale. Users are advised to compare the reported GPA to the value for GENGPA for each case to evaluate any assumptions about GPA scale properties on which their analyses may depend.

14.	HONORS1 HONORS2 HONORS3	(37-37) (57-57) (77-77)	These fields indicate (with a value of "1") whether any honors designation, such as Cum Laude, was conferred with the nth degree.
15.	DEGMON1 DEGMON2 DEGMON3	(38-39) (58-59) (78-79)	These fields indicate the month the degree or other credential was awarded.
16.	DEGYR1 DEGYR2 DEGYR3	(40-41) (60-61) (80-81)	These fields indicate the year the degree was awarded.

The next 12 items (Transcript Record tape positions 82-267) contain a variety of data related to a student's field(s) of study at a given institution. For each transcript data are recorded for up to three major fields and three minor fields or concentrations. Majors and minors were coded using the six-digit CIP taxonomy. In addition, a verbatim text field was entered reflecting the information appearing on the transcript.

17.	MAJCIP1 MAJCIP2 MAJCIP3	(82-87)	These fields contain the six-digit CIP code for each of up to three reported major fields. Major fields were reported on 3,725 transcripts. Second and third majors were extremely rare for HS&B transcripts. These fields were preserved to maintain complete consistency with the NLS-72 transcript data files.
18.	MAJTEXT1 MAJTEXT2 MAJTEXT3	(88-112) (119-143) (150-174)	These fields contain the verbatim text for the nth major reported.

19.	MINCIP1 MINCIP2 MINCIP3	(175-180) (206-211) (237-242)	These fields contain the six-digit CIP code for the minor field of study. Only 173 HS&B transcripts included data on minor fields. These fields were preserved to maintain complete consistency with the NLS-72 transcript data files.
20.	MINTEXT1 MINTEXT2 MINTEXT3	(181-205) (212-236) (243-267)	These fields contain the verbatim text for the nth minor field reported.
21.	GENGPA	(268-274)	This field contains a "synthetic" grade point average calculated from the regular (non-transferred) courses listed on the transcript. It represents one attempt to create a standardized grade scale on which students attending institutions with differing grade schemes might be compared. To compute this score, first, all letter grades were converted to numeric equivalents on a typical collegiate 4.0 point system (A=4, B=3, C=2, D=1, F=0), ignoring whatever underlying numeric scale the school used to calculate its own grade point average. Then, because courses vary in terms of the credits they carry, the rescaled grades were weighted (multiplied) by the accompanying course credit values, and summed. These sums were then divided by total credits attempted to produce GENGPA. This data item was computed for non-vocational schools only. Courses with numeric grades (less than 2 percent of the total), Pass/Fail grades, Satisfactory/-Unsatisfactory grades were not included in the calculation. The effect of plus and minus signs on grades was also ignored. Although this computed variable meets the criterion of placing students on a common numeric scale (an "A" for a full credit course is assigned the same numeric value at all institutions), this scale should not be interpreted as implying that the same grade at different institutions signifies the same underlying quality of student work. This scale addresses the problems of non-comparability of grades based on differing numeric models (e.g., 4-point,

5-point, 10-point scales, etc.). It does nothing to confront the problem of widely varying grading standards at different institutions. Data users should use due caution in comparing values on GENGPA for students attending very different types of schools or enrolled in programs of varying length and difficulty.

A value for GENGPA was successfully computed for 8,055 HS&B transcripts (86 percent of the 9,385 processed transcripts.) Calculated values range between 0.037 through 4.0.

22. TCREDA (275-277) This field contains the sum of all regular (i.e., non-transfer) course credits attempted across all terms associated with a specific transcript. Sums were based on values as they were reported on students' records. No attempt was made to standardize these credits prior to calculating the sum.

TCREDA was successfully calculated for 8,475 cases (90 percent of the 9,385 processed transcripts). The remaining 910 cases were missing credit data on their transcripts.

23. TCREDE (278-280) This field contains the sum of all regular (i.e., non-transfer) credits earned, that is, credits for courses in which a passing grade was reported, across all terms on a specific transcript. Sums were taken on values as they were reported on students' records. No attempt was made to standardize these credits prior to calculating the sum.

TCREDE was calculated for 8,265 transcripts (88 percent of the 9,385 processed transcripts). Total earned credits could not be computed for 1,120 transcripts.

4.2.3 The Term Record

A Term Record was created to store data for each term associated with a transcript, and to provide an organizing mechanism for linking course-level records associated to a given term and transcript. Students have widely varying numbers of Term Records (up to 30 terms), reflecting the amount of time spent in postsecondary schooling. Students who enrolled only in one short-term vocational program, or who stayed for only one semester at an academic institution, may only have a single Term Record in the file. Approximately 15 percent of the 9,385 coded transcripts had a single associated Term Record. Students continuously enrolled in institutions of higher education since high school graduation have many more Term Records in the database. The HS&B senior cohort database includes a total of 51,730 Term Records (covering the 6,947 students for whom one or more transcripts were received). Approximately half (48 percent) of the transcripts in the file are linked to four or fewer terms. An additional 30 percent of the transcripts are linked to between 5 and 8 Term Records. Ten percent of the transcripts are linked to more than 10 Term Records.

Most Term Records describe conventional academic terms of study such as semesters or quarters. These Term Records store data that pertain to courses taken during the specified term, and which otherwise would have been repetitively and wastefully stored directly on Course Records. Term Records include such items as beginning and ending dates for the term and the grade scale being used for the courses taken in that term. In some cases, grading schemes at a school changed during a student's spell of attendance. Data on term records help to identify these instances for proper handling.

For some transcripts "dummy" Term Records were created for the purpose of organizing non-conventional courses such as those transferred from another school, or for course-equivalents such as credits awarded by examination. Dummy Term Records generally do not have valid data in such fields as dates and grade scales. The data items on the Term Record are as follows:

Field	Tape Position	Description
1. RECTYPE3	(1-1)	This field is a record type indicator where the value "3" indicates a Term Record.
2. STUID	(2-7)	The standard 6-digit HS&B student identification number that can be used to link the Transcript Record with other records such as the Student or Term records. It also can be used to link to the main HS&B survey data files or other school or student files.

3. TRANSNUM (8-8) The sequence number of a specific transcript for a particular student. If students attended more than one school, their transcripts were sorted by DEGMON1 and DEGYR1 (see descriptions below). A sequential transcript number was assigned and stored in this field.

4. TERMNUM (9-10) The sequence number of a specific term within a particular transcript. Terms are sorted by date (SORTDATE - see below) within transcript.

5. SORTDATE (11-14) This field stores the date (in the format MMYY) used to sort terms and assign sequence numbers. When possible, the starting dates of terms were used. When these data were missing, ending dates were used. See the description of starting and ending data variables below.

6. TRANSFER (15-15) A data availability flag. When set to the value "1", it indicates that the term is a transfer term, that is, the courses associated with it are transfer credits. A total of 2,925 Term Records (about 6 percent) are classified as Transfer Terms.

7. TERMTYPE (16-16) The value in this field identifies the type of term (semester, trimester, exam, etc.) to which associated course records belong. The possible values for this variable are

Number	
1,748	"1" - Variable length term or noncourse term
33,683	"2" - Semester
592	"3" - Trimester
14,385	"4" - Quarter
646	"5" - Examination for which credits were awarded
857	"7" - Undated & unknown term of study
1	"9" - Missing
51,730	Total

Transcripts containing indications of credits awarded for occupational or other life experiences generally did not list these credits under any academic term. Term type "1" was created to provide a link for the Course Record containing the information about the program area and value of the credits awarded.

Term type "1" was also used for the variable length terms of study employed by certain proprietary vocational programs. Beginning and ending dates for these terms are stored in the relevant fields described below. Terms for which no date information was available to judge duration were classified as term type "7."

8. COURSES	(17-18)	This field contains a count of the number of courses for this term and an indicator of the number of Course Records associated with it. The values in this field range from 1 to 60. Ninety-two percent of the terms are linked to 6 courses or fewer; 99 percent of terms have fewer than 10 courses. The small percentage of terms with 10 or more courses are non-standard vocational terms of variable or unknown duration.
9. STARTMON	(19-20)	This field gives the numeric value of the starting month for this term (e.g., "01" = January, "12" = December).
10. STARTYR	(21-22)	This field contains numeric value of the calendar year that the term began. The possible values are limited to "78" through "84." Although nearly all members of the HS&B 1980 senior cohort graduated in May or June of 1980, some exceptionally bright students had been enrolled in college-level programs as early as 1978, for which credit was awarded on their transcripts. Only one half of one percent of all Term Records have start dates prior to 1980.
11. ENDMON	(23-24)	This field contains the numeric value for the ending month for the term.

12. ENDYR	(25-26)	This field contains the numeric value for the year the term ends. See the description of STARTYR above.
13. SEASON	(27-27)	This field indicates the season ("1" = Fall, "2" = Winter, "3" = Spring, "4" = Summer, "9" = Missing), as shown on the transcript, during which the term occurred. Just over 6 percent of all terms could not be assigned a season and were coded missing.
14. GRADCODE	(28-28)	This field indicates whether the grading scale used during this term was a letter scale (A, B, etc.) or a numeric scale. On over 98 percent of the terms, letter grades were indicated; 1.5 percent of the terms (776 terms) indicated numeric systems.
15. PASSGRAD	(29-31)	If the value for the GRADCODE field equals "numeric," this field indicates the minimum passing grade used by the institution for the designated term. Of the small number of terms using the numeric scale, over three-fourths set the value "1" as the minimum passing grade, suggesting a 4-point scale similar to the numeric basis of most letter grade systems. The remainder were divided among the values "60," "65," "70," "75," and "80," with "70" the most common.
16. HIGHGRAD	(32-34)	If GRADCODE equals "numeric," this field indicates the highest possible grade used by the institution for the designated term. Three-fourths of the numeric grade terms indicated the value "4" as the maximum possible grade. For the remainder, the maximum score was "100."
17. LOWGRAD	(35-37)	If GRADCODE equals "numeric," this field indicates the lowest/possible grade used by the institution during the designated term. For all numeric grade terms but one, the value given was "0." The sole deviant was a value of "70" given for one term.

18. MEMO	(38-62)	MEMO is a verbatim text field that was used by coders to make comments on non-standard features of this term or transcript. If the TERMTYPE is "transfer," the name of the school(s) from which courses were transferred were entered here.

4.2.4 The Course Record

One Course Record was created for every course reported on a transcript. Credit-bearing entities other than courses were also stored in course records (e.g., credits earned through work experience or by examination. Varying numbers of course records are associated with each term for a particular student. In all, there are 216,426 Course Records stored in the HS&B senior cohort database. Data items on the Course Records are as follows:

Field	Tape Position	Description
1. RECTYPE4	(1-1)	This field contains a record type indicator that is set to a value of "4" for Course Records.
2. STUID	(2-7)	The standard 6-digit HS&B student identification number that can be used to link the Transcript Record with other records such as the Student or Term records. It also can be used to link to the main HS&B survey data files or other school or student files.
3. TRANSNUM	(8-8)	The sequence number of a specific transcript for a particular student. If students attended more than one school, their transcripts were sorted by DEGMON1 and DEGYR1 (see descriptions below). A sequential transcript number was assigned and stored in this field. When used with STUID, this field can be used to link a Course Record with the appropriate Transcript Record.
4. TERMNUM	(9-10)	The sequence number of a specific term within a particular transcript. Terms are sorted by date (SORTDATE - see the

Term Record) within transcript. When used with STUID and TRANSNUM, this field can be used to like a Course Record with the appropriate Term Record.

5. CRSECIP (11-16) This field contains the six-digit CIP code for the course. Appendix D contains a complete list of the 1,124 CIP codes and program names.

6. CRSECRED (17-23) This field contains the credit value recorded on the transcript for the course. No attempt was made to standardize or otherwise rescale these credit values. Data users should examine the distributions of these variables carefully before including them in any analyses.

Legal credit values ranged from "0" for non-credit courses, audited courses and failed courses, through a maximum of 467 credits assigned to a single "course" identified on the transcript record. In fact, 92 percent of all courses coded carried the integer credit values "0" through "5," and 51 percent of the courses carried exactly 3 credits. When courses with decimal credit values are included, 95 percent of the courses were assigned credit values of 10 or less and 94 percent of the courses carried values of 5 or less.

The majority of credit values greater than 10 were earned by vocational students in non-traditional terms, perhaps lasting several months to a year. Although their programs of study were not broken down into discrete courses, there were often many component segments in the programs for beauticians, jewelers, lab technicians and mechanical repairers. The total credit values assigned to the course or program was often measured in clock hours rather than standard credit hours, leading to some values of several hundred in the credit field. Researchers are strongly urged to examine the distributions of credits and other relevant fields prior to conducting specific analyses. See Section 4.4 below for additional discussion about the data values in the credits and grades fields.

For about 5 percent of the courses coded (22,422 courses) credit information was not available.

7. CRSGRADA (24-25)

This field is contains the course grade if it is a letter grade. The possible values are

A+ A A- B+ B B- C+ C C- D+ D
D- E & F

for standard grades, and the following additional values for non-standard outcomes

AU = Audit
CR = Credit, no other grade
I = Incomplete
NO = No grade given
P = Pass
S = Satisfactorily completed requirements
U = Unsatisfactory
W = Withdrawal, no grade given
WF = Withdrawal with failing grade
WP = Withdrawal with passing grade
99 = Missing data (about 5 percent of all grades)

About 95 percent of all courses coded (over 205,000 courses) were given one of the non-missing letter grades listed above.

8. CRSGRADB (26-32)

This field contains the course grade when it is a numeric grade. Numeric grades were entered exactly as given on the transcript. No attempts were made to standardize or otherwise rescale individual course grades. The variable GENGPA on the transcript-level record represents one attempt to place student's grades on a common metric. However, because of the variety of numeric scales used, and because so few students (less than 2 percent) were assigned numeric grades by their schools, numeric grades were not included in the GENGPA composite variable on the Transcript Record.

		Only 4,708 of 216,426 courses were given numeric grades (about 2 percent). Values stored in the CRSGRADB field must be interpreted in the context of the maximum, minimum and minimum passing values stored in fields on the Term Records. Three-fourths of the numeric grades given were in the range from 0 to 4 (reflecting the scale properties described under PASSGRAD, HIGHGRAD, and LOWGRAD on the Term Record). Approximately 250 courses (one-tenth of one percent of all courses) had values between 5 and 10. The remainder (about 900 courses (less than one-half of one percent of all courses) had scores between 40 and 100, and appear to be measured on a 100 point system.
9. GRADTYPE	(24-24)	This field contains a value indicating whether the grade for the course is a letter grade or a numeric grade. Ninety-five percent of the courses coded had standard letter grades. Two percent of the courses had numeric grades and three percent of course grades were missing.
10. CRSENAME	(34-58)	This field stores the exact text of the course name as it appeared on the transcript. This element was stored to provide users with the opportunity to recode courses using a structure or taxonomy other than that provided by the Classification of Instructional Programs. It may also be used to recode courses according to the more detailed Classification of Postsecondary School Courses now being prepared under a CS contract.

4.3 Merging Records

As described above, the postsecondary transcript database consists of four files, one for each record type. However, the individual record types have been designed to allow for the merging of data from two or more files into a single hierarchical file, or, if necessary, into a very large rectangular file. The relationship among the various record types and the identifiers needed to merge levels are summarized in Figure 4.3-1.

FIGURE 4.3-1

A Schematic Diagram of the Database Hierarchy Representing Nested Transcript, Term and Course Records for Three Sampled Students

```
1. Student Level        |STUID |                              |

     Transcript Level        |STUID |TRANSNUM |                 |

          Term Level                 |STUID |TRANSNUM |TERMNUM |     |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |

          Term Level                 |STUID |TRANSNUM |TERMNUM |     |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |

     Transcript Level        |STUID |TRANSNUM |                 |

          Term Level                 |STUID |TRANSNUM |TERMNUM |     |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |

2. Student Level        |STUID |                              |

     Transcript Level        |STUID |TRANSNUM |                 |

          Term Level                 |STUID |TRANSNUM |TERMNUM |     |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |

3. Student Level        |STUID |                              |

     Transcript Level        |STUID |TRANSNUM |                 |

          Term Level                 |STUID |TRANSNUM |TERMNUM |     |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |

          Term Level                 |STUID |TRANSNUM |TERMNUM |     |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |

     Transcript Level        |STUID |TRANSNUM |                 |

          Term Level                 |STUID |TRANSNUM |TERMNUM |     |

               Course Level                  |STUID |TRANSNUM |TERMNUM | |
```

4.4 A Cautionary Note on the Use of Credits and Grades Data in the Postsecondary Transcripts Database

As we have emphasized throughout this manual, postsecondary transcript data were abstracted from school records of greatly varying structure and content. It is essential for users of these data to be fully aware that the elements in the database are intended to be a faithful reproduction of the information reported on the transcripts. Except for the creation of the composite variables described above, the transcript data have not been rescaled, standardized, or otherwise manipulated prior to entry into the database. For some items, notably course grades, school-reported grade point averages, and course credits, the user must not assume that the data stored in the designated fields are all values from a common underlying metric.

Course grades were entered as they appeared on the transcript. Two types of grades (letter and numeric) were stored on separate fields in the course records in order to minimize the effort needed to compute customized grade indicators.

As explained above, a comprehensive list of allowable letter grades (including such administrative "grades" as "credit given," "audit," "withdrawal," "pass," and "fail") was constructed to handle the entry of letter grades reported by schools. Although nearly all (98 percent) of the schools assigned letter grades, not all schools used all possible grades to make distinctions between student performance levels. Although most schools used conventional "+" and "-" qualifiers, some schools applied these only to selected levels (e.g., C+, C, and C-, but not B+ or B-). More important, however, is the fact that several different schemes of numeric equivalents were used by schools in translating letter grades to number grades for the computation of Grade Point Averages. By far the most common scheme is the standard four-point collegiate scale (A = 4, B = 3, C = 2, D = 1, E or F = 0). A small number of schools assigned different numeric equivalents, however, such as setting the value of an "A" grade to 5 or 6 numeric points. For this reason, some grade point averages in the fields GPA1, GPA2, and GPA3 on the transcript-level records may exceed the conventional upper bound of 4.0. To overcome this problem of data comparability, the field GENGPA was created by applying the standard four-point scale to all letter grades from all schools, weighting courses by credit values, and computing a "synthetic" grade point average.

Less than two percent of all courses in the file were graded on a numeric scale. These courses were disproportionately found on transcripts from short-term vocational/proprietary school programs. To help establish a basis for standarizing the metric for the numeric grades, the term records contain fields showing the highest, lowest, and minimum passing scores for the designated school's grading system if this information was present on the transcript or in other documentation (bulletins or course catalogs) from the school. Because of their low prevalence and because of the problems in establishing a common numeric scale caused by missing information on schools' grade ranges and minimum passing grades, courses with numeric grades were not included in the calculation of the variable GENGPA described above.

The data in the course credits fields also were entered exactly as reported on the transcript form, with no attempt made to standardize the units. Researchers should use special caution in analyzing and further manipulating course credit data. At minimum, users should familiarize themselves with the variability of data in the fields prior to conducting analyses. We further recommend that users carefully examine the ranges and distributions of credit values reported by different types of institutions (as indicated by the INSTYPE variable (position 19-19) on the Transcript Record). For the most part, standard collegiate institutions reported credits based on the same or very closely related credit scales. At these institutions, the typical academic course in most departments carried a value of 3 credits, and so this is the modal value observed for courses at these institutions. (In fact, 51 percent of all courses taken by HS&B sample members and 48 percent of all courses taken by NLS-72 sample members carried exactly 3 credits.) A significant proportion of courses, especially those in the hard sciences that included extensions such as laboratory periods and other additions to standard classroom schedules, earned higher credit values, although the majority of the values fall between 3 and 5 credits for these expanded courses. Lower level courses whose classes met for fewer hours per week had credit values between 1 and 3 (about 20 percent of all courses taken).

Courses with credit values greater than 5 were rare (about 2 to 3 percent of all courses for which credits could be coded). Altogether, 94 percent of the courses taken by HS&B sample members and 93 percent of courses taken by NLS-72 cases carried between 0 and 5 credits (about 2.5 percent of the courses for both samples carried no credit). Courses with credit values between 5 and 20 accounted for an additional 1.5 percent of all courses taken by HS&B cases, and 2.4 percent of all courses taken by NLS-72 cases. Credit values greater than 20 and up to the allowable limit of 500 (almost exclusively from vocational programs reflecting clock-hour systems) accounted for less than one-half of one percent of those recorded for both HS&B and NLS-72 cases.

Finally, credit values were missing from 5 percent of the courses for both samples. Thus, for most conventional analyses, researchers may wish to recode credit values above, for example, 5 or 8 credits, to the missing data code in order to prevent unusual programs with extreme values from affecting results. Researchers who are especially interested in vocational programs and courses should carefully examine all of the data related to courses with high credit values.

Of concern in any analysis of course credits is the possibility of differences between the numeric scales for credits awarded by schools on the semester system and schools on the quarter system. These two types of term systems accounted for about 93 percent of all terms in which sampled students of both HS&B and NLS-72 cohorts were enrolled. Other types of terms were generally very rare in the transcripts. For example, trimesters accounted for only 1 percent of the 175,000 term records in the HS&B and NLS-72 datafiles. Variable-length terms, common at vocational schools, accounted for an average of 4 percent of all terms reported. Semesters, on the other hand, accounted for 65 percent of the terms, and quarters were 28 percent of the terms for HS&B sample members. In the NLS-72 sample, 60 percent were semesters and 32 percent were quarters.

Typically, the number of credits required for graduation from schools on the quarter system is slightly higher than the number required by schools on the semester system. This gives rise to the concern that course credits may not be expressed in comparable units across types of institutions, and that the value of a course given at a quarter system school may have "inflated" credit value, compared to the credit value of the same course at a school on the semester system. Some researchers have suggested that the transcripts datafile include additional fields containing rescaled or standardized credits, to ensure that credits from differing systems were scored on a common metric. A frequent suggestion was that course credits for schools on the quarter system be deflated by a linear transformation in order to more nearly equal those awarded by semester system schools.

Although the Postsecondary Education Transcript Study did not include the resources for a formal study of this issue, a number of empirical analyses demonstrated that the fact of comparability or non-comparability cannot easily be established. The simplest but most compelling evidence against any simple transformation of quarter system course credits came from comparisons of the credit values of standard collegiate courses taken by students in both types of schools. These comparisons showed clearly that for most typical science, mathematics, social science or humanities courses, the credit values were the same (generally 3 credits) at both types of institutions. Further comparisons of the average numbers of credits carried by students per term showed no systematic or significant differences between the two systems. For these reasons, the final decision concerning course credits was to include on the public release tapes only the raw credit values as they were reported on the transcripts, and to caution users that the comparability of credits across institution and term types could not be assumed, but should be carefully assessed in light of specific analytical objectives.

Finally, a major source of variation in the credit values in the file relates to the use of "clock hours" rather than conventional "credit hours" by vocational and proprietary schools. Students at these schools often earned several hundreds of clock hour credits for completing a unified program made up of several instructional modules each lasting a few days. Analysts are strongly urged to use special caution in the analysis of course credit fields because of the extreme effect these outlier values (some ranging as high as 500) may have on statistical estimates. These values have been retained in the system to support special analyses of relatively small subgroups of students and their educational activities. Failure to provide for special handling of these cases may produce bizarre results in conventional analyses.

4.5 Datafiles Included on Public Release Tapes

The following data files are available on tapes to the public for a nominal charge:

HSB.STU.RAW
HSB.TRANS.RAW
HSB.TERM.RAW
HSB.COURSE.RAW
HSB.SAS.CARDS
HSB.SAS.LIB
HSB.LAYOUT
HSB.STU.SPSSCARD
HSB.TRANS.SPSSCARD
HSB.TERM.SPSSCARD
HSB.CRSE.SPSSCARD
HSB.STU.SPSSXCRD
HSB.TRANS.SPSSXCRD
HSB.TERM.SPSSXCRD
HSB.CRSE.SPSSXCRD

5. SAMPLE DESIGN AND IMPLEMENTATION

The Postsecondary Education Transcript Study involved the collection and processing of school records for a subsample of the High School and Beyond (HS&B) 1980 senior cohort. A full description of the sample design for HS&B is provided in the sample design reports for the base year, first, and second follow-up surveys.[1] To assist transcript data file users who may not be familiar with the overall design of HS&B, the following sections present an overview of the sample design for the full survey.

5.1 Base Year Sample Design

The base year (1980) survey employed a two-stage, highly stratified sample design with secondary schools having tenth and/or twelfth grades as the first-stage units of selection and students within schools as the second-stage units. With the exception of certain special strata, which were oversampled, schools were selected with probabilities proportional to their estimated enrollment in the tenth and twelfth grades. Within each school, 36 seniors and 36 sophomores were randomly selected. In schools with fewer than 36 seniors or 36 sophomores, all eligible students were selected. Sampling rates were set so as to select within each stratum the number of schools needed to satisfy study design criteria regarding minimum sample sizes for certain types of schools. As a result, some schools had a very high probability of inclusion in the sample (in some cases equal to 1.0) while others had a much lower probability of inclusion. The total number of schools selected for the initial sample was 1,122, from a frame of 24,725 schools with grades ten or twelve or both.[2] Sampling strata and the number of schools selected in each are shown in Table 5.1-1.

Substitutions were made for schools that refused to participate in the survey. No substitutions were made, however, for students who for whatever reason failed to participate.[3] Substitutions for refusal schools occurred only within strata. In certain cases no substitution was possible because a school was the sole member of its stratum. (See the High School and Beyond Second Follow-Up (1984) Sample Design Report, available from CS.)

The realization of the sample by stratum is shown in Table 5.1-2. Although the sample design specified that students in all but the special strata would be selected with approximately equal probabilities, the probabilities are only roughly equal. In the special strata students were selected with higher probabilities which, in some instances, were extremely high. Moreover, the same as realized did not equal the sample as drawn, creating further deviations from a self-weighting sample. Consequently, each school (and student) was assigned a weight equal to the number of schools (or students) in the universes they represented. Since each student's overall selection probability (hence weight) was further influenced by the sample design, the derivation of student case weights is discussed below. Calculation of school weights is described in the user's manual for the school questionnaire data file.

Table 5.1-1

High School and Beyond Base Year School Sample Selections

Special Strata (oversampled)	Number
Alternative public	50
Cuban public	20*
Cuban Catholic	10*
Other Hispanic public	106*
High performance private	12
Other non-Catholic private (stratified by four census regions)	38
Black Catholic	30*
Regular Strata (not oversampled)	
Regular Catholic (stratified by four census regions)	48
Regular public (stratified by nine census divisions; racial composition; enrollment; central-city, suburban, rural)	808
	1,122

*These schools were defined as those having 30 percent or more of enrollment from the indicated subgroup.

Table 5.1-2

High School and Beyond Base Year Sample Realization

Stage 1: Sampling of Schools

Stratum	Drawn in sample	Original schools*	Substituted schools	Total realized
Regular public	808	585	150	735
Alternative public	50	41	4	45
Cuban public	20	11	--	11
Other Hispanic public	106	72	30	102
Regular Catholic	48	40	5	45
Black Catholic	30	23	7	30
Cuban Catholic	10	7	2	9
High performance private	12	9	2	11
Other non-Catholic private	38	23	4	27
TOTAL	1,122	811	204	1,015

Stage 2: Sampling of Students

	Total drawn in sample	Absent, both Survey and Make-up days	Student refused	Parent refused	Partial materials missing**	Total realized
Number	70,704	8,278	1,759	223	2,174	58,270
Percent	100	12	3	-	3	82

*Includes additional selections made when schools were found to be out-of-scope.
**Unusable because critical survey materials missing.

Use of weights should lead to correct estimates (within sampling error) of the population of tenth and twelfth grade students in United States schools in spring 1980, and of subgroups within that population.

5.2 1980 Senior Cohort Sample Design for First and Second Follow-Up Surveys

All 1980 senior cohort students selected for the base year sample had a known, non-zero chance of being selected for the first and all subsequent follow-up surveys. The follow-up sample consists of 11,995 selections from the base year probability sample. This total includes 11,500 selections from among the 28,240 base year participants and 495 selections from among the 6,741 base year nonparticipants. The first and second follow-up surveys included an additional 204 individuals who were twins of sampled students but who were not themselves part of the probability sample. (These individuals are not included in the third follow-up [1986] survey.)

Several features of the senior cohort follow-up sample design enhance its usefulness. First, the inclusion of 495 base year nonrespondents facilitates the estimation of nonresponse bias in base year data. Second, since the sampling plan called for retention in the follow-up surveys of less than one-half of the 1980 seniors who had participated in the base year survey, it was important to devise a subsampling plan that would retain in the follow-up sample sufficient numbers of students with the kinds of characteristics that past research had indicated would be required for education policy analyses. This required adjusting the subsampling rates for these students in order to retain sufficient numbers of them in the follow-up sample. One especially important adjustment was the selection of 1,500 additional Hispanic students beyond the number expected in the CS core sample. This supplementary oversample allows more complex, detailed analysis of Hispanic student outcomes. (The so-called Hispanic supplement was supported by the Office for Bilingual Education and Minority Language Affairs.) Thus, the follow-up sample, though much smaller, is able to provide estimates for many subpopulations that are nearly as precise, statistically, as those of the larger base year sample. The follow-up sample allocation is shown below in Table 5.2-1.

5.3 The Postsecondary Education Transcript Study (PETS) Sample

Postsecondary transcripts were requested for all members of the 1980 senior cohort who reported in either follow-up survey attending any form of postsecondary school since leaving high school. Thus, no further probabilistic sampling was done to define the PETS sample. The only restriction on inclusion in the PETS sample was that the respondent must have provided the name of the school attended so that records could be requested. Thus, omitted from the transcript study were a very few sample members who indicated that they had attended some form of postsecondary school, but who gave no indication during either follow-up survey of the name of the school(s).

In all, 7,776 members of the 1980 senior cohort satisfied the initial criteria for inclusion by naming at least one school in at least one of the follow-up surveys. However, as explained in detail in Chapter 2 above, for 342 cases school officials at the single school the students named returned information that the individual either had never actually enrolled in that institution or did not complete sufficient work to have an enrollment record. Because most of the evidence suggests that the report of postsecondary attendance should be interpreted as response error, these cases have been defined as ineligible or out-of-scope for the transcript study. No transcript weights have been calculated for these individuals.

However, because the evidence for non-attendance is not completely conclusive, these cases have been included on the public release data files (including raw weights and selected HS&B questionnaire data). As described in Chapter 4 above, these cases have a single dummy Transcript Record whose Final Disposition field contains the value for "never attended" status.

In the course of normal transcript data analysis, these cases may be deleted from the analysis data files (along with other cases for whom no transcripts were obtained) by selecting for the analysis only cases with non-zero values for one of the transcript weights. However, analysts who choose to include these cases in the population of interest may recalculate the sampling weights by redefining these cases as eligible and following the procedures described in the section on weighting below. The effect of excluding these individuals from the domain of interest is to reduce the population estimate of the number of 1980 seniors attending postsecondary schooling by one to two percent of the cohort size (that is, between approximately 30,000 and 60,000 out of a total cohort of approximately 3.1 million individuals).

Table 5.2-1

Sample Allocation for Follow-Up Surveys of the 1980 Senior Cohort

Subgroup	Twin Data	Parent Data	Twin and Parent Data	Neither Twin Nor Parent Data	Total(b)
Base Year Participants:					
Hispanic (a)					
High Achievement (c)	4	70	2	583	659
Others	15	264	5	1,557*	1,841
Asian	3	72	0	479	554
American Indian	2	21	1	184	208
Black					
High Achievement (c)	7	73	0	474	554
Others	36	307	4	2,099*	2,446
White					
Low SES/High Achievement (d)	0	63	1	452	516
Other	168	1,305 (f)	21	2,650* (g)	4,114
Missing Data (e)	17	27	0	356*	400
All Others	3	86	0	119*	208
Base Year Nonparticipants					495*
PROBABILITY SAMPLE TOTAL	255	2,288	34	8,923	11,995
Non-Sampled Co-twins	204				204
TOTAL IN SURVEY					12,199

*These cells were subsampled.

(a) Includes Hispanic supplement of 1,500 students.
(b) Includes USARC supplement. Total number of moderate to high achieving males with no college plans is 947.
(c) High achievement for Black and Hispanic students is defined as having a composite High School and Beyond test score above the weighted mean for the entire population.
(d) Among Whites, low SES is defined as the lowest quartile of the composite SES score distribution for the entire population. High Achievement is defined as a composite High School and Beyond test score in the highest quartile for the entire population.
(e) Cases in this row are Whites who are missing data on either the composite SES score or the composite High School and Beyond test score. (f) Cases in this cell are students whose parents provided data and who reported in 1980 that their main activity after high school would involve postsecondary education.
(g) Cases in this cell include approximately 160 selections from the group of 875 "other Whites" with parent data who had no plans for postsecondary education and thus were not reselected with certainty.

Table 5.3-1 shows the distribution of the number of schools reported by the 7,434 in-scope cases. Over three-fifths of the students reported attending only one institution in their responses to the follow-up surveys. An additional 30 percent of these cases reported attending exactly two schools. Only about 8 percent (602) reported attending three or more postsecondary schools during the four-year period since leaving high school.

Table 5.3-1

Number of Postsecondary Schools Reported by
Members of the HS&B 1980 Senior Cohort

Number of Schools	Number of Cases	Percent
One	4,606	62.0 %
Two	2,226	29.9 %
Three or more	602	8.1 %
Total*	7,434	100.0 %

*NOTE: An additional 342 cases who reported attending a single school were defined as ineligible and are excluded from this table.

5.4 Sample Weights

The general purpose of the HS&B weighting scheme is threefold: to provide necessary data for expanding the sample of students for the estimation of population totals, to compensate for unequal probabilities of selection (retention) for the follow-up surveys, and to adjust for the fact that not all individuals eligible for inclusion in the surveys or related studies actually participated.

HS&B weights are based upon the inverse of the probabilities of selection through all stages of the sampling process and upon nonresponse adjustment factors computed within weighting cells. A raw weight, based only upon the initial selection probability and unadjusted for nonresponse in any of the surveys, was also calculated and is included on all data files. The raw weight provides the basis for analysts to construct additional weights, adjusted for the presence of virtually any combination of data elements. The most recently released public use dataset, for the 1980 senior cohort second follow-up survey, includes questionnaire data from the base year and the first two follow-ups, and also the base year test data. Several different weights have been calculated for that file to permit projections to the population of approximately 3,040,000 1980 high school seniors.

The follow-up weighting procedures consisted of two basic steps:

Step 1. Calculation of a preliminary follow-up weight based on the inverse of the product of the probabilities of selection for the base year sample and retention in the follow-up subsample. This new raw weight is simply the base year raw weight adjusted for the probability of retention in the follow-up surveys.

Step 2. Adjustment of this preliminary weight to compensate for "unit" nonresponse, that is, for non-completion of an entire questionnaire or test, or some combination of documents or surveys. (The exception is the raw weight, RAWWT, which is, by definition, unadjusted for nonresponse.)

These steps and the resulting weights are described in more detail in the data file user's manual for the second follow-up of the HS&B 1980 senior cohort, available from the Center for Statistics. As described in detail below, a similar process has been employed for the Postsecondary Transcripts data file.

The Postsecondary Education Transcript Study did not introduce any additional subsampling beyond that carried out for the first follow-up survey. Thus, it was not necessary to calculate a new preliminary weight for the transcript study as described in Step 1 above. Instead the raw weight constructed at the time of the first follow-up was used as the initial weight.

Two variants of Step 2 (nonresponse adjustment) were carried out to create two sampling weights for the analysis of transcript data. Note that these procedures were completed only for the 7,434 cases defined as in-scope and ignores the 342 cases defined as ineligible. The first is a simple adjustment for nonresponse to the transcript study itself, in which "response" is defined as an eligible case having one or more coded transcript records in the data file, and "nonresponse" is described as an eligible case for whom no transcripts were collected and processed. The second adjustment accounts for multiple instances of nonresponse: "response" is defined as an eligible case having at least one coded transcript in the file and having questionnaire data from all three HS&B survey waves, and "nonresponse" is defined as either having no transcripts in the data file or having failed to participate in one or more of the three HS&B survey waves (base year through second follow-up).

Data file users should note that this approach to weighting is consistent with that used for the longitudinal questionnaire data files in that the individual sample member, rather than the transcript record (instance of school attendance), is treated as the primary unit of analysis. That is, the weights provided are properties of the 7,434 eligible cases who have varying numbers of postsecondary transcript, term and course records attached to them. In particular, the weights are not meant to be applied to individual transcripts, but rather to all of the data associated with a single individual.

Data users should also bear in mind that the definition of "completed case" described above considers a case complete if at least one transcript is included in the data file. Since 90 percent of all in-scope transcript requests were received and processed, nearly all cases defined as "completes" will have transcripts in the file for all schools they reported attending. However, a small percentage of cases will have incomplete records because one or more of the schools they attended did not return records. In all, 1,040 transcripts requested (and assumed to be in-scope) were not received. This situation is mitigated by the fact that 1,481 cases who attended multiple schools have transfer credits on their transcripts for courses taken at other schools. Thus, most of the individuals with a transcript missing from their records have at least some data indicating their educational activities at prior schools.

Transcript study nonresponse adjustments were computed as ratio adjustments within thirty separate weighting classes. First, the 7,434 eligible cases were assigned to one of 24 homogeneous weighting classes based upon type of high school attended, sex, and race/ethnicity (a subset of the classifications established for adjustments to longitudinal survey weights). Then, because the single greatest determinant of "response" to the transcript study was attendance only at one or more non-public vocational or proprietary schools (see Tables 2.3-1 and 2.3-2 in Chapter 2 above), each of these cells was further subdivided, with students attending only proprietary schools in one partition, and all others (who attended at least one non-proprietary school) in the remaining partition. The smallest of the resulting 48 weighting classes (those with fewer than 20 "completed" cases) were then pooled with adjacent cells having similar "completion" rates. This step produced 30 final weighting classes for the adjustment calculations.

Within each weighting class, the ratio adjustment was produced by dividing the sum of weights for eligible cases by the sum of weights for "completed" cases. The final weights in the data files are the product of the raw weight for a "completed" case and the nonresponse adjustment factor for the weighting class to which that case belongs. The sum of adjusted weights for the "completes" in each of the 30 weighting classes is thus constrained to equal the sum of weights for the "eligible" cases in that class. Tables 5.4-1 and 5.4-2 present the results of these calculations for both of the transcript weight adjustments described above.

In general, the nonresponse adjustments are very small, owing to the high individual-level completion rate (nearly 94 percent of the sample have at least one transcript in the file). For those who attended at least one non-vocational school, the adjustments in Table 5.4-1 range from 1.00 for Black males who had attended a public high school with high (greater than 30 percent) Hispanic enrollment, up to 1.12 for Hispanic males who had attended Catholic high schools. On average, adjustments for those attending only non-public vocational or proprietary schools are significantly higher, ranging from 1.16 for students who attended public high schools with high Hispanic concentrations, to 1.79 for Hispanic females who had attended regular public schools. It should be borne in mind that the higher adjustments for the cases who attended only vocational schools affect only about 350 cases or about 5 percent of the 6,947 cases who have one or more transcripts in the data file.

Although the nonresponse adjustment factors are generally higher in Table 5.4-2 (about 86 percent of the entire transcript study sample have at least one transcript in the file and participated in all three survey waves, compared to 94 percent who meet the definition for "respondent" in Table 5.4-1), the pattern of the results are similar to the preceding table. Overall, the adjustments for those attending at least one non-vocational school are relatively small. The highest adjustments were calculated for the Black and Hispanic females who attended regular public high schools and reported attending only a proprietary postsecondary school. However, these somewhat larger adjustment factors are applied to only a very small fraction of the sample (approximately 60 cases).

Table 5.4-1

Nonresponse Adjustments to Sampling Weights for Completed Cases in the HS&B Senior Cohort Postsecondary Education Transcript Study (WT1)

(Completes defined as having at least one coded transcript in the Public Release Data Files)

	Weighting Classes						
	Vocational Postsecondary Only	Type of Secondary School	Sex	Race	Sum of Weights: Eligibles	Sum of Weights: Completes	Nonresponse Adjustment
1	No	Reg Public	M	Hisp	37,627	33,640	1.1185
2	No	Reg Public	M	Black	65,061	60,436	1.0765
3	No	Reg Public	M	Other	565,683	541,430	1.0448
4	No	Reg Public	F	Hisp	40,462	38,415	1.0533
5	No	Reg Public	F	Black	92,415	84,270	1.0967
6	No	Reg Public	F	Other	621,743	592,810	1.0488
7	No	Hisp Public	M	Hisp	10,894	10,332	1.0544
8	No	Hisp Public	M	Black	1,241	1,241	1.0000
9	No	Hisp Public	M	Other	6,669	6,061	1.1003
10	No	Hisp Public	F	Hisp	14,061	13,415	1.0482
11	No	Hisp Public	F	Black	2,564	2,345	1.0934
12	No	Hisp Public	F	Other	7,623	7,552	1.0094
13	No	Catholic	M	Hisp	6,626	5,908	1.1215
14	No	Catholic	M	Black	3,152	2,851	1.1056
15	No	Catholic	M	Other	62,077	59,862	1.0370
16	No	Catholic	F	Hisp	6,158	5,661	1.0878
17	No	Catholic	F	Black	5,177	5,047	1.0258
18	No	Catholic	F	Other	72,766	69,482	1.0473
19	No	Oth Private	M&F	Hisp	2,838	2,713	1.0461
20	No	Oth Private	M&F	Black	1,903	1,817	1.0473
21	No	Oth Private	M	Other	32,481	31,908	1.0180
22	No	Oth Private	F	Other	40,447	39,491	1.0242
23	Yes	Reg Public	M	Hisp	5,162	3,617	1.4271
24	Yes	Reg Public	M	Black	2,906	2,241	1.2967
25	Yes	Reg Public	M	Other	22,987	18,744	1.2264
26	Yes	Reg Public	F	Hisp	4,026	2,255	1.7854
27	Yes	Reg Public	F	Black	8,390	5,306	1.5812
28	Yes	Reg Public	F	Other	43,710	33,315	1.3120
29	Yes	Hisp Public	M&F	All	2,119	1,832	1.1567
30	Yes	All Private	M&F	All	6,675	5,051	1.3215
		Total			1,795,643	1,689,048	

Table 5.4-2

Nonresponse Adjustments to Sampling Weights for Completed Cases in the HS&B Senior Cohort Postsecondary Education Transcript Study (WT2)

(Completes are defined as having at least one coded transcript AND questionnaire data from base year through second follow-up surveys in the Public Release Data Files)

	Weighting Classes						
	Vocational Postsecondary Only	Type of Secondary School	Sex	Race	Sum of Weights: Eligibles	Sum of Weights: Completes	Nonresponse Adjustment
1	No	Reg Public	M	Hisp	37,627	30,774	1.2227
2	No	Reg Public	M	Black	65,061	49,432	1.3162
3	No	Reg Public	M	Other	565,683	445,519	1.2697
4	No	Reg Public	F	Hisp	40,462	33,370	1.2125
5	No	Reg Public	F	Black	92,415	70,560	1.3097
6	No	Reg Public	F	Other	621,743	516,139	1.2046
7	No	Hisp Public	M	Hisp	10,894	8,876	1.2274
8	No	Hisp Public	M	Black	1,241	1,126	1.1021
9	No	Hisp Public	M	Other	6,669	6,002	1.1111
10	No	Hisp Public	F	Hisp	14,061	12,122	1.1600
11	No	Hisp Public	F	Black	2,564	2,262	1.1335
12	No	Hisp Public	F	Other	7,623	6,346	1.2012
13	No	Catholic	M	Hisp	6,626	5,442	1.2176
14	No	Catholic	M	Black	3,152	2,279	1.3831
15	No	Catholic	M	Other	62,077	46,080	1.3472
16	No	Catholic	F	Hisp	6,158	5,437	1.1326
17	No	Catholic	F	Black	5,177	3,965	1.3057
18	No	Catholic	F	Other	72,766	60,499	1.2028
19	No	Oth Private	M&F	Hisp	2,838	2,201	1.2894
20	No	Oth Private	M&F	Black	1,903	1,813	1.0496
21	No	Oth Private	M	Other	32,481	24,978	1.3004
22	No	Oth Private	F	Other	40,447	29,823	1.3562
23	Yes	Reg Public	M	Hisp	5,162	3,507	1.4719
24	Yes	Reg Public	M	Black	2,906	2,152	1.3504
25	Yes	Reg Public	M	Other	22,987	17,009	1.3515
26	Yes	Reg Public	F	Hisp	4,026	2,121	1.8982
27	Yes	Reg Public	F	Black	8,390	4,318	1.9430
28	Yes	Reg Public	F	Other	43,710	29,211	1.4964
29	Yes	Hisp Public	M&F	All	2,119	1,832	1.1567
30	Yes	All Private	M&F	All	6,675	4,911	1.3592
		Total			1,795,643	1,430,106	

The statistical properties of the final weights are displayed in Table 5.4-3. The table shows the mean, sum, variance, standard deviation, coefficient of variation, minimum, maximum, skewness, kurtosis, and number of unweighted cases for the raw weight and each of the adjusted weights calculated for the senior cohort transcript data files. Each of the three weights is constrained to expand the sample to a population of 1,795,643 postsecondary attenders in the 1980 senior cohort. The procedures described above also ensure that the sums of weights for subpopulations defined by the weighting classes remain constant across the three weights.

Table 5.4-3

High School and Beyond Senior Cohort
Postsecondary Education Transcripts Study
Statistical Properties of Sample Case Weights*

Weight	RAWWT	WT1	WT2
Mean	242	258	281
Sum	1,795,643	1,795,643	1,795,643
Variance	65,075	72,898	83,359
Standard Deviation	255	270	289
Coefficient of Variation	106	104	103
Minimum	1	1	1
Maximum	1,081	1,428	1,129
Skewness	1.05	1.04	0.94
Kurtosis	-0.3	-0.3	-0.9
Number of Cases	7,434	6,947	6,391

*NOTE: All entries except skewness and kurtosis have been rounded to the nearest whole number.

5.5 Standard Errors and Design Effects

Statistical estimates based upon High School and Beyond data are subject to sampling variability. Sampling errors arise because data are collected from only a portion of the members of a population of interest. The HS&B senior cohort sample is only one representation of a large number of samples of similar size that might have been drawn. Sampling errors are directly related to the underlying ("true") variability of the property being measured, and are inversely related to the number of observations contributing to the statistical estimates.

Because the sample design for the HS&B cohorts involved stratification, disproportionate sampling from certain strata, and clustered (i.e., multi-stage) probability sampling, the calculation of exact standard errors for survey estimates can be difficult and expensive. Popular statistical analysis packages such as SPSS (Statistical Programs for the Social Sciences) or SAS (Statistical Analysis System) normally calculate standard errors using the assumption that the data being analyzed were collected from simple random samples. As described in detail in the High School and Beyond sample design report for each survey wave, the HS&B sample design is, on balance, somewhat less efficient than simple random samples of equal size. Thus, sampling errors generated by SPSS and SAS will normally underestimate significantly the sampling variability of statistical estimates such as population means, percentages and more complex statistics such as correlation and regression coefficients.

Several procedures are available for calculating precise estimates of sampling error for complex samples. Procedures such as Taylor series approximations, Balanced Repeated Replication (BRR) and Jackknife Repeated Replication (JRR) vary somewhat in computational convenience and cost, and in their ability to account for several sources of sampling variability, most notably clustered selection of sample cases.

After each survey wave since the base year, sampling variances have been calculated for about thirty estimated proportions or means for the whole sample and for several subgroups (domains), and have been reported in the data file user's manuals for each public release tape. In general, these calculations have been carried out using BRR. However, comparisons of variance estimates provided by Taylor series and BRR carried out at the time of the HS&B first follow-up survey showed little difference in the resulting error estimates for such statistics as means, proportions, and Pearson correlation coefficients.

In addition to standard errors, the design effect for each estimate (DEFF) and the square root of each design effect (DEFT) were calculated and reported. The design effect is a measure of the efficiency of the sample estimate relative to a simple random sample of equal size. It is defined as the ratio of the actual variance of an estimate (i.e., the square of the standard error) to the variance of the same estimate from a simple random sample with the same number of cases. For proportions, the simple random sample variance is just

$$\mathrm{VAR(SRS)} = p(1 - p)/n \qquad (1)$$

in which

p = the estimated proportion

and

n = the number of cases with non-missing data

Like almost all national samples, the High School and Beyond sample is not a simple random sample. The High School and Beyond sample departs from the model of simple random sampling in three major respects: the observations are clustered at the school level; major groups (such as students who attended private schools) are deliberately represented disproportionately; and the sample is stratified by type of school. Each of these departures from simple random sampling has a predictable effect on efficiency, which is reflected in the design effect.

Separate sampling errors and design effects have not been calculated for the postsecondary transcript data. The calculations of sampling errors and design effects performed for the *High School and Beyond 1980 Senior Cohort Second Follow-Up (1984) Data File User's Manual* have been reproduced and included as Appendix G to this manual.

In addition, Table 5.5-1 below presents selected distributional statistics for the DEFF and DEFT factors (for the same thirty second follow-up items contained in Table G-4 in Appendix G) for the total population and for nine selected domains. These tables and those in the appendix, as well as several informal analyses carried out at NORC and at CS, generally confirm that, with minor exceptions noted, the design effects have remained reasonably constant across survey waves and population domains, and show relatively small variability across survey items within waves and domains.

The mean design effects given in Table 5.5-1 can be used to calculate approximate standard errors for estimates based upon transcript data. For example, the standard error of a proportion can be estimated using the square root of the expression in (1) (above) times the mean root design effect (DEFT):

$$SE = DEFT\ (p[1-p]/n)1/2 \qquad (2)$$

With the exception of Hispanics, the DEFTs in Table 5.5-1 for subgroups are generally ten percent smaller than that for the total population. The relative efficiency of the Hispanic subsample continues to be affected by the somewhat larger follow-up cluster sizes for Hispanic sample members in specific schools and relatively few geographical areas, and higher variability in sample weights because some Hispanics (those in so-called "Hispanic schools") were sampled at very high rates while others (in regular public schools) were sampled at rates closer to majority whites. Furthermore, the variability of the DEFTs for Hispanics is over twice that observed for most other subgroups. Thus, for analysis of data from Hispanics, the use of a single generalized design effect to inflate simple random sample estimates of sampling errors must be considered subject to greater uncertainty. Nevertheless, the differences between Hispanics and other groups remain generally small. Researchers who use design effect factors to estimate standard errors for Hispanic sample data and who prefer to be statistically conservative may wish to choose a design effect slightly larger than the mean of 1.89 in Table 5.5-1.

Table 5.5-1

Distributional Statistics for Design Effects and Root Design Effects for 30 Second Follow-up Survey Measures for Ten Domains

Subsample		DEFF	DEFT
Total Population:	Mean	2.87	1.68
	Minimum	1.36	1.17
	Maximum	4.27	2.07
	Standard Deviation	0.78	0.24
Hispanics:	Mean	3.72	1.89
	Minimum	0.50	0.71
	Maximum	5.69	2.39
	Standard Deviation	1.27	0.38
Blacks:	Mean	2.26	1.48
	Minimum	0.91	0.96
	Maximum	3.30	1.82
	Standard Deviation	0.72	0.25
Whites & others:	Mean	2.09	1.43
	Minimum	1.19	1.09
	Maximum	2.99	1.73
	Standard Deviation	0.55	0.19
Bottom SES:	Mean	2.28	1.50
	Minimum	1.31	1.15
	Maximum	3.33	1.82
	Standard Deviation	0.50	0.17
Middle SES:	Mean	1.81	1.34
	Minimum	1.26	1.12
	Maximum	2.98	1.73
	Standard Deviation	0.43	0.15
Highest SES:	Mean	1.93	1.38
	Minimum	1.23	1.11
	Maximum	2.92	1.71
	Standard Deviation	0.46	0.16
No PSE Attendance:	Mean	2.09	1.44
	Minimum	1.46	1.21
	Maximum	2.86	1.69
	Standard Deviation	0.36	0.13
Continuous PSE Attendance:	Mean	2.34	1.52
	Minimum	1.64	1.28
	Maximum	4.99	2.23
	Standard Deviation	0.67	0.20
Non-continuous PSE Attendance:	Mean	2.37	1.52
	Minimum	1.23	1.11
	Maximum	4.70	2.17
	Standard Deviation	0.72	0.23

NOTES TO CHAPTER 5

[1] For further details on the base year sample design see Martin R. Frankel, Luane Kohnke, David Buonanno, and Roger Tourangeau, *Sample Design Report* (Chicago: NORC, 1981).

[2] The sampling frame, defined as the universe of high schools in the United States, was obtained from the 1978 list of U.S. elementary and secondary schools of the Curriculum Information Center, a private firm. This was supplemented by the CS lists of public and private elementary and secondary schools. Any school listed in any of these files that contained a tenth grade, a twelfth grade, or both was made part of the frame.

[3] Apart from substitution for schools that refused, there were a number of schools in the originally-drawn sample that were "out-of-scope," that is, they failed to fit the criteria for inclusion in the sample. The sample was then augmented through selection of an additional school for each out-of-scope school, within major strata. Most of the out-of-scope schools were area vocational schools having no enrollment of their own, although they were listed in the frame as having enrollments.

HIGH SCHOOL AND BEYOND
POSTSECONDARY EDUCATION TRANSCRIPT STUDY

CODEBOOK

```
*************************
* Student Level Record *
*************************
```

```
-----------------
Question RECTYPE1                          Tape Pos. 1
-----------------                          Format: I1

RECTYPE1 = RECORD TYPE INDICATOR

Record Type Indicator
                                                    PER-   VALID
     RESPONSE                      CODES    FREQ    CENT    PCT
    ----------                   --------- -----   -----   -----
 Student.........................        1  7776  100.0%  100.0%
                                           -----   -----   -----
 TOTALS:                                    7776  100.0%  100.0%
```

```
-----------------
Question STUID                             Tape Pos. 2-7
-----------------                          Format: I6

STUID = STUDENT IDENTIFICATION NO.

Student Identification Number
```

```
-----------------
Question REQTRANS                          Tape Pos. 8
-----------------                          Format: I1

REQTRANS = NO. OF TRANSCRIPTS REQUESTED

Number of transcripts requested
                                                    PER-   VALID
     RESPONSE                      CODES    FREQ    CENT    PCT
    ----------                   --------- -----   -----   -----
                                         1  4948   63.6%   63.6%
                                         2  2226   28.6%   28.6%
                                         3   527    6.8%    6.8%
                                         4    69     .9%     .9%
                                         5     5     .1%     .1%
                                         6     1     .0%     .0%
                                           -----   -----   -----
 TOTALS:                                    7776  100.0%  100.0%
```

```
-----------------
Question NUMTRANS                          Tape Pos. 9
-----------------                          Format: I1

NUMTRANS = NO. OF TRANSCRIPTS RECEIVED

Number of transcripts received
                                                    PER-   VALID
     RESPONSE                      CODES    FREQ    CENT    PCT
    ----------                   --------- -----   -----   -----
                                         0   829   10.7%   10.7%
                                         1  4887   62.8%   62.8%
                                         2  1716   22.1%   22.1%
                                         3   310    4.0%    4.0%
                                         4    34     .4%     .4%
                                           -----   -----   -----
 TOTALS:                                    7776  100.0%  100.0%
```

```
-----------------
Question TRNSFERS                          Tape Pos. 10
-----------------                          Format: I1

TRNSFERS = TRANSFER COURSES FLAG

Flag to indicate transfer courses for this student
                                                    PER-   VALID
     RESPONSE                      CODES    FREQ    CENT    PCT
    ----------                   --------- -----   -----   -----
 No..............................        0  5466   70.3%   78.7%
 Yes.............................        1  1481   19.0%   21.3%
 Missing.........................        9   829   10.7%   MISS
                                           -----   -----   -----
 TOTALS:                                    7776  100.0%  100.0%
```

```
-----------------
Question RCREDO1                           Tape Pos. 11-13
-----------------                          Format: I3

RCREDO1 = AGRIBUSINESS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                    PER-   VALID
     RESPONSE                      CODES    FREQ    CENT    PCT
    ----------                   --------- -----   -----   -----
                                             139    1.8%    2.0%
  1 - 65 CREDITS.................
  ZERO CREDITS...................        0  6808   87.6%   98.0%
 RESERVED CODES:
     MISSING.....................      999   829   10.7%   MISS
                                           -----   -----   -----
 TOTALS:                                    7776  100.0%  100.0%
```

```
-----------------
Question RCREDO2                           Tape Pos. 14-16
-----------------                          Format: I3

RCREDO2 = AGRICULTURAL SCIENCE

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                    PER-   VALID
     RESPONSE                      CODES    FREQ    CENT    PCT
    ----------                   --------- -----   -----   -----
                                             155    2.0%    2.2%
  1 - 63 CREDITS.................
  ZERO CREDITS...................        0  6792   87.3%   97.8%
 RESERVED CODES:
     MISSING.....................      999   829   10.7%   MISS
                                           -----   -----   -----
 TOTALS:                                    7776  100.0%  100.0%
```

```
-----------------
Question RCREDO3                           Tape Pos. 17-19
-----------------                          Format: I3

RCREDO3 = FOREST PRESERVES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                    PER-   VALID
     RESPONSE                      CODES    FREQ    CENT    PCT
    ----------                   --------- -----   -----   -----
                                             106    1.4%    1.5%
  1 - 83 CREDITS.................
  ZERO CREDITS...................        0  6841   88.0%   98.5%
 RESERVED CODES:
     MISSING.....................      999   829   10.7%   MISS
                                           -----   -----   -----
 TOTALS:                                    7776  100.0%  100.0%
```

```
-----------------
Question RCRED04
-----------------                          Tape Pos. 20-22
                                           Format: I3
RCRED04 = ENVI. DESIGN

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 85 CREDITS..................            158      2.0%    2.3%
 ZERO CREDITS.....................     0     6789     87.3%   97.7%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
-----------------
Question RCRED05
-----------------                          Tape Pos. 23-25
                                           Format: I3
RCRED05 = AREA STUDIES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 48 CREDITS..................            613      7.9%    8.8%
 ZERO CREDITS.....................     0     6334     81.5%   91.2%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
-----------------
Question RCRED06
-----------------                          Tape Pos. 26-28
                                           Format: I3
RCRED06 = BUSINESS, MANAGEMENT

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 95 CREDITS..................           2473     31.8%   35.6%
 ZERO CREDITS.....................     0     4474     57.5%   64.4%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
-----------------
Question RCRED07
-----------------                          Tape Pos. 29-31
                                           Format: I3
RCRED07 = BUSINESS, CLERICAL

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 72 CREDITS..................           1190     15.3%   17.1%
 ZERO CREDITS.....................     0     5757     74.0%   82.9%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
-----------------
Question RCRED08
-----------------                          Tape Pos. 32-34
                                           Format: I3
RCRED08 = GENERAL MARKETING

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 59 CREDITS..................            798     10.3%   11.5%
 ZERO CREDITS.....................     0     6149     79.1%   88.5%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
-----------------
Question RCRED09
-----------------                          Tape Pos. 35-37
                                           Format: I3
RCRED09 = COMMUNICATIONS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 70 CREDITS..................           1752     22.5%   25.2%
 ZERO CREDITS.....................     0     5195     66.8%   74.8%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
-----------------
Question RCRED10
-----------------                          Tape Pos. 38-40
                                           Format: I3
RCRED10 = TECHNICAL MEDIA

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 29 CREDITS..................            109      1.4%    1.6%
 ZERO CREDITS.....................     0     6838     87.9%   98.4%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
-----------------
Question RCRED11
-----------------                          Tape Pos. 41-43
                                           Format: I3
RCRED11 = COMPUTER SCIENCES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-   VALID
    RESPONSE                     CODES      FREQ      CENT    PCT
   ----------                  ---------   -----     -----   -----
  1 - 86 CREDITS..................           1974     25.4%   28.4%
 ZERO CREDITS.....................     0     4973     64.0%   71.6%
RESERVED CODES:
   MISSING........................   999      829     10.7%   MISS
TOTALS:                                     -----     -----   -----
                                             7776    100.0%  100.0%
```

```
----------------
Question RCRED12                                 Tape Pos. 44-46
----------------                                 Format: I3

RCRED12 = CONSUMER SERVICES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 50 CREDITS..................             33      .4%     .5%
   ZERO CREDITS...................     0     6914    88.9%   99.5%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
----------------
Question RCRED13                                 Tape Pos. 47-49
----------------                                 Format: I3

RCRED13 = EDUCATION

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 95 CREDITS..................           1064    13.7%   15.3%
   ZERO CREDITS...................     0     5883    75.7%   84.7%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
----------------
Question RCRED14                                 Tape Pos. 50-52
----------------                                 Format: I3

RCRED14 = ENGINEERING

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 144 CREDITS.................            567     7.3%    8.2%
   ZERO CREDITS...................     0     6380    82.0%   91.8%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
----------------
Question RCRED15                                 Tape Pos. 53-55
----------------                                 Format: I3

RCRED15 = ENGINEERING TECH

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 86 CREDITS..................            485     6.2%    7.0%
   ZERO CREDITS...................     0     6462    83.1%   93.0%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
----------------
Question RCRED16                                 Tape Pos. 56-58
----------------                                 Format: I3

RCRED16 = FOREIGN LANGUAGES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 105 CREDITS.................           1703    21.9%   24.5%
   ZERO CREDITS...................     0     5244    67.4%   75.5%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
----------------
Question RCRED17                                 Tape Pos. 59-61
----------------                                 Format: I3

RCRED17 = ALLIED HEALTH

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 101 CREDITS.................            446     5.7%    6.4%
   ZERO CREDITS...................     0     6501    83.6%   93.6%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
----------------
Question RCRED18                                 Tape Pos. 62-64
----------------                                 Format: I3

RCRED18 = HEALTH SCIENCE

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 116 CREDITS.................            584     7.5%    8.4%
   ZERO CREDITS...................     0     6363    81.8%   91.6%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
----------------
Question RCRED19                                 Tape Pos. 65-67
----------------                                 Format: I3

RCRED19 = HOME ECONOMICS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-   VALID
     RESPONSE                    CODES      FREQ     CENT    PCT
    ----------                 ---------    -----   -----   -----
  1 - 88 CREDITS..................           1033    13.3%   14.9%
   ZERO CREDITS...................     0     5914    76.1%   85.1%
 RESERVED CODES:
     MISSING.......................   999      829    10.7%   MISS
                                            -----   -----   -----
 TOTALS:                                     7776   100.0%  100.0%
```

```
-----------------
Question RCRED20                              Tape Pos. 68-70
-----------------                             Format: I3

RCRED20 = VOC. HOME ECON.

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 62 CREDITS.................             702     9.0%    10.1%
  ZERO CREDITS....................    0       6245    80.3%    89.9%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
-----------------
Question RCRED21                              Tape Pos. 71-73
-----------------                             Format: I3

RCRED21 = INDUSTRIAL ARTS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 67 CREDITS.................             201     2.6%     2.9%
  ZERO CREDITS....................    0       6746    86.8%    97.1%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
-----------------
Question RCRED22                              Tape Pos. 74-76
-----------------                             Format: I3

RCRED22 = LEGAL PROFESSIONS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 59 CREDITS.................            1300    16.7%    18.7%
  ZERO CREDITS....................    0       5647    72.6%    81.3%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
-----------------
Question RCRED23                              Tape Pos. 77-79
-----------------                             Format: I3

RCRED23 = LETTERS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 85 CREDITS.................            5174    66.5%    74.5%
  ZERO CREDITS....................    0       1773    22.8%    25.5%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
-----------------
Question RCRED24                              Tape Pos. 80-82
-----------------                             Format: I3

RCRED24 = LIBERAL ARTS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 15 CREDITS.................             104     1.3%     1.5%
  ZERO CREDITS....................    0       6843    88.0%    98.5%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
-----------------
Question RCRED25                              Tape Pos. 83-85
-----------------                             Format: I3

RCRED25 = LIBRARY SCIENCES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 15 CREDITS.................             119     1.5%     1.7%
  ZERO CREDITS....................    0       6828    87.8%    98.3%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
-----------------
Question RCRED26                              Tape Pos. 86-88
-----------------                             Format: I3

RCRED26 = LIFE SCIENCES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 84 CREDITS.................            2553    32.8%    36.7%
  ZERO CREDITS....................    0       4394    56.5%    63.3%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
-----------------
Question RCRED27                              Tape Pos. 89-91
-----------------                             Format: I3

RCRED27 = MATHEMATICS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                      PER-    VALID
      RESPONSE                    CODES      FREQ     CENT     PCT
    -----------                 ---------   ------   ------   ------
   1 - 62 CREDITS.................            4398    56.6%    63.3%
  ZERO CREDITS....................    0       2549    32.8%    36.7%
 RESERVED CODES:
    MISSING.......................  999        829    10.7%    MISS
                                             ------   ------   ------
 TOTALS:                                      7776   100.0%   100.0%
```

```
----------------
Question RCRED28
----------------                         Tape Pos. 92-94
                                         Format: I3
RCRED28 = MILITARY SCIENCE

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODES    FREQ     CENT    PCT
   1 - 34 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............             212     2.7%    3.1%
  RESERVED CODES:                    0     6735    86.6%   96.9%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

```
----------------
Question RCRED29
----------------                         Tape Pos. 95-97
                                         Format: I3
RCRED29 = MILITARY TECHNOLOGY

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODES    FREQ     CENT    PCT
   1 - 09 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............              15      .2%     .2%
  RESERVED CODES:                    0     6932    89.1%   99.8%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

```
----------------
Question RCRED30
----------------                         Tape Pos. 98-100
                                         Format: I3
RCRED30 = INTERDISC. STUDIES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODES    FREQ     CENT    PCT
   1 - 40 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............            1362    17.5%   19.6%
  RESERVED CODES:                    0     5585    71.8%   80.4%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

```
----------------
Question RCRED31
----------------                         Tape Pos. 101-103
                                         Format: I3
RCRED31 = PARKS & RECREATION

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODE3    FREQ     CENT    PCT
   1 - 44 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............              76     1.0%    1.1%
  RESERVED CODES:                    0     6871    88.4%   98.9%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

```
----------------
Question RCRED32
----------------                         Tape Pos. 104-106
                                         Format: I3
RCRED32 = BASIC SKILLS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODES    FREQ     CENT    PCT
   1 - 30 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............            1598    20.6%   23.0%
  RESERVED CODES:                    0     5349    68.8%   77.0%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

```
----------------
Question RCRED33
----------------                         Tape Pos. 107-109
                                         Format: I3
RCRED33 = CIVICS ACTIVITIES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODES    FREQ     CENT    PCT
   1 - 03 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............               4      .1%     .1%
  RESERVED CODES:                    0     6943    89.3%   99.9%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

```
----------------
Question RCRED34
----------------                         Tape Pos. 110-112
                                         Format: I3
RCRED34 = HEALTH RELATED ACT.

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODES    FREQ     CENT    PCT
   1 - 15 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............             964    12.4%   13.9%
  RESERVED CODES:                    0     5983    76.9%   86.1%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

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----------------
Question RCRED35
----------------                         Tape Pos. 113-115
                                         Format: I3
RCRED35 = INTERPERSONAL SKILLS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

      RESPONSE                                     PER-   VALID
     ----------                  CODES    FREQ     CENT    PCT
   1 - 13 CREDITS..............  -----   -----    -----   -----
    ZERO CREDITS...............             227     2.9%    3.3%
  RESERVED CODES:                    0     6720    86.4%   96.7%
      MISSING..................    999      829    10.7%   MISS
  TOTALS:                                 -----    -----   -----
                                           7776   100.0%  100.0%
```

Question RCRED36

Tape Pos. 116-118
Format: I3

RCRED36 = LEISURE SERVICES

Count of regular non-transfer, credits earned in HEGIS schools, calculated by summing on first two digits of CIP code

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 58 CREDITS		3158	40.6%	45.5%
ZERO CREDITS	0	3789	48.7%	54.5%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

Question RCRED37

Tape Pos. 119-121
Format: I3

RCRED37 = PERSONAL AWARENESS

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 09 CREDITS		123	1.6%	1.8%
ZERO CREDITS	0	6824	87.8%	98.2%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

Question RCRED38

Tape Pos. 122-124
Format: I3

RCRED38 = PHILOSOPHY-RELIGION

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 55 CREDITS		1897	24.4%	27.3%
ZERO CREDITS	0	5050	64.9%	72.7%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

Question RCRED39

Tape Pos. 125-127
Format: I3

RCRED39 = THEOLOGY

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 69 CREDITS		480	6.2%	6.9%
ZERO CREDITS	0	6467	83.2%	93.1%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

Question RCRED40

Tape Pos. 128-130
Format: I3

RCRED40 = PHYSICAL SCIENCES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 85 CREDITS		3006	38.7%	43.3%
ZERO CREDITS	0	3941	50.7%	56.7%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

Question RCRED41

Tape Pos. 131-133
Format: I3

RCRED41 = SCIENCE TECHNOLOGY

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 19 CREDITS		29	.4%	.4%
ZERO CREDITS	0	6918	89.0%	99.6%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

Question RCRED42

Tape Pos. 134-136
Format: I3

RCRED42 = PSYCHOLOGY

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 131 CREDITS		3630	46.7%	52.3%
ZERO CREDITS	0	3317	42.7%	47.7%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

Question RCRED43

Tape Pos. 137-139
Format: I3

RCRED43 = PROTECTIVE SERVICES

Non-transfer credits earned at non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 55 CREDITS		387	5.0%	5.6%
ZERO CREDITS	0	6560	84.4%	94.4%
RESERVED CODES:				
MISSING	999	829	10.7%	MISS
TOTALS:		7776	100.0%	100.0%

```
-----------------
Question RCRED44                                  Tape Pos. 140-142
-----------------                                 Format: I3

RCRED44 = PUBLIC AFFAIRS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 82 CREDITS.................                  291    3.7%    4.2%
  ZERO CREDITS...................          0      6656   85.6%   95.8%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
-----------------
Question RCRED45                                  Tape Pos. 143-145
-----------------                                 Format: I3

RCRED45 = SOCIAL SCIENCES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 105 CREDITS................                 4899   63.0%   70.5%
  ZERO CREDITS...................          0      2048   26.3%   29.5%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
-----------------
Question RCRED46                                  Tape Pos. 146-148
-----------------                                 Format: I3

RCRED46 = CONSTRUCTION TECH.

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 36 CREDITS.................                   33     .4%     .5%
  ZERO CREDITS...................          0      6914   88.9%   99.5%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
-----------------
Question RCRED47                                  Tape Pos. 149-151
-----------------                                 Format: I3

RCRED47 = MECHANICAL REPAIRS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 105 CREDITS................                  143    1.8%    2.1%
  ZERO CREDITS...................          0      6804   87.5%   97.9%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
-----------------
Question RCRED48                                  Tape Pos. 152-154
-----------------                                 Format: I3

RCRED48 = PRECISION SCIENCES

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 56 CREDITS.................                  353    4.5%    5.1%
  ZERO CREDITS...................          0      6594   84.8%   94.9%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
-----------------
Question RCRED49                                  Tape Pos. 155-157
-----------------                                 Format: I3

RCRED49 = MATERIAL TRANSPORT

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 70 CREDITS.................                   64     .8%     .9%
  ZERO CREDITS...................          0      6883   88.5%   99.1%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
-----------------
Question RCRED50                                  Tape Pos. 158-160
-----------------                                 Format: I3

RCRED50 = VISUAL-PERFORM. ARTS

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 157 CREDITS................                 3139   40.4%   45.2%
  ZERO CREDITS...................          0      3808   49.0%   54.8%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
-----------------
Question RCRED99                                  Tape Pos. 161-163
-----------------                                 Format: I3

RCRED99 =  MISSING

Non-transfer credits earned at non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                           CODES     FREQ    CENT    PCT
    -----------                       ---------  -----   -----   -----
  1 - 30 CREDITS.................                  488    6.3%    7.0%
  ZERO CREDITS...................          0      6459   83.1%   93.0%
 RESERVED CODES:
    MISSING......................        999       829   10.7%   MISS
                                                 -----   -----   -----
 TOTALS:                                          7776  100.0%  100.0%
```

```
----------------
Question TCRED01                                   Tape Pos. 164-166
----------------                                   Format: I3

TCRED01 = AGRIBUSINESS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 36 CREDITS..................                  4       .1%     .3%
  ZERO CREDITS...................          0    1477     19.0%   99.7%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
----------------
Question TCRED02                                   Tape Pos. 167-169
----------------                                   Format: I3

TCRED02 = AGRICULTURAL SCIENCE

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 11 CREDITS..................                  6       .1%     .4%
  ZERO CREDITS...................          0    1475     19.0%   99.6%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
----------------
Question TCRED03                                   Tape Pos. 170-172
----------------                                   Format: I3

TCRED03 = FOREST PRESERVES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 24 CREDITS..................                  2       .0%     .1%
  ZERO CREDITS...................          0    1479     19.0%   99.9%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
----------------
Question TCRED04                                   Tape Pos. 173-175
----------------                                   Format: I3

TCRED04 = ENVI. DESIGN

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 16 CREDITS..................                  5       .1%     .3%
  ZERO CREDITS...................          0    1476     19.0%   99.7%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
----------------
Question TCRED05                                   Tape Pos. 176-178
----------------                                   Format: I3

TCRED05 = AREA STUDIES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 09 CREDITS..................                 11       .1%     .7%
  ZERO CREDITS...................          0    1470     18.9%   99.3%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
----------------
Question TCRED06                                   Tape Pos. 179-181
----------------                                   Format: I3

TCRED06 = BUSINESS, MANAGEMENT

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 30 CREDITS..................                108      1.4%    7.3%
  ZERO CREDITS...................          0    1373     17.7%   92.7%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
----------------
Question TCRED07                                   Tape Pos. 182-184
----------------                                   Format: I3

TCRED07 = BUSINESS, CLERICAL

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 47 CREDITS..................                 22       .3%    1.5%
  ZERO CREDITS...................          0    1459     18.8%   98.5%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
----------------
Question TCRED08                                   Tape Pos. 185-187
----------------                                   Format: I3

TCRED08 = GENERAL MARKETING

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
    RESPONSE                         CODES      FREQ      CENT    PCT
   ----------                      ---------    -----    -----   -----
 1 - 10 CREDITS..................                 20       .3%    1.4%
  ZERO CREDITS...................          0    1461     18.8%   98.6%
 RESERVED CODES:
    MISSING......................        999    6295     81.0%   MISS
 TOTALS:                                        -----    -----   -----
                                                7776    100.0%  100.0%
```

```
-----------------
Question TCRED09                              Tape Pos. 188-190
-----------------                             Format: I3

TCRED09 = COMMUNICATIONS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
  1 - 21 CREDITS..................                   64      .8%    4.3%
   ZERO CREDITS...................          0      1417    18.2%   95.7%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED10                              Tape Pos. 191-193
-----------------                             Format: I3

TCRED10 = TECHNICAL MEDIA

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
   ZERO CREDITS...................          0      1481    19.0%  100.0%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED11                              Tape Pos. 194-196
-----------------                             Format: I3

TCRED11 = COMPUTER SCIENCES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
  1 - 61 CREDITS..................                   56      .7%    3.8%
   ZERO CREDITS...................          0      1425    18.3%   96.2%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED12                              Tape Pos. 197-199
-----------------                             Format: I3

TCRED12 = CONSUMER SERVICES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
   ZERO CREDITS...................          0      1481    19.0%  100.0%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED13                              Tape Pos. 200-202
-----------------                             Format: I3

TCRED13 = EDUCATION

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
  1 - 19 CREDITS..................                   38      .5%    2.6%
   ZERO CREDITS...................          0      1443    18.6%   97.4%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED14                              Tape Pos. 203-205
-----------------                             Format: I3

TCRED14 = ENGINEERING

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
  1 - 23  CREDITS.................                   23      .3%    1.6%
   ZERO CREDITS...................          0      1458    18.8%   98.4%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED15                              Tape Pos. 206-208
-----------------                             Format: I3

TCRED15 = ENGINEERING TECH

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
  1 - 04 CREDITS..................                   10      .1%     .7%
   ZERO CREDITS...................          0      1471    18.9%   99.3%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED16                              Tape Pos. 209-211
-----------------                             Format: I3

TCRED16 = FOREIGN LANGUAGES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                           PER-   VALID
       RESPONSE                         CODES     FREQ     CENT    PCT
      ----------                      ---------  ------   ------  -----
  1 - 33  CREDITS.................                   81     1.0%    5.5%
   ZERO CREDITS...................          0      1400    18.0%   94.5%
 RESERVED CODES:
     MISSING......................        999      6295    81.0%   MISS
                                                  ------   ------  -----
 TOTALS:                                           7776   100.0%  100.0%
```

```
-----------------
Question TCRED17
-----------------                               Tape Pos. 212-214
                                                Format: I3
TCRED17 = ALLIED HEALTH

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 06 CREDITS...................                10      .1%     .7%
  ZERO CREDITS.....................        0     1471   18.9%   99.3%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED18
-----------------                               Tape Pos. 215-217
                                                Format: I3
TCRED18 = HEALTH SCIENCE

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 24  CREDITS..................                12      .2%     .8%
  ZERO CREDITS.....................        0     1469   18.9%   99.2%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED19
-----------------                               Tape Pos. 218-220
                                                Format: I3
TCRED19 = HOME ECONOMICS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 33 CREDITS...................                29      .4%    2.0%
  ZERO CREDITS.....................        0     1452   18.7%   98.0%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED20
-----------------                               Tape Pos. 221-223
                                                Format: I3
TCRED20 = VOC. HOME ECON.

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 09 CREDITS...................                26      .3%    1.8%
  ZERO CREDITS.....................        0     1455   18.7%   98.2%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED21
-----------------                               Tape Pos. 224-226
                                                Format: I3
TCRED21 = INDUSTRIAL ARTS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 03 CREDITS...................                 5      .1%     .3%
  ZERO CREDITS.....................        0     1476   19.0%   99.7%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED22
-----------------                               Tape Pos. 227-229
                                                Format: I3
TCRED22 = LEGAL PROFESSIONS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 12 CREDITS...................                29      .4%    2.0%
  ZERO CREDITS.....................        0     1452   18.7%   98.0%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED23
-----------------                               Tape Pos. 230-232
                                                Format: I3
TCRED23 = LETTERS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 26 CREDITS...................               301     3.9%   20.3%
  ZERO CREDITS.....................        0     1180   15.2%   79.7%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED24
-----------------                               Tape Pos. 233-235
                                                Format: I3
TCRED24 = LIBERAL ARTS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                        PER-    VALID
      RESPONSE                       CODES      FREQ    CENT    PCT
     -----------                   ---------   -----   -----   -----
  1 - 14 CREDITS...................                 7      .1%     .5%
  ZERO CREDITS.....................        0     1474   19.0%   99.5%
 RESERVED CODES:
    MISSING........................      999     6295   81.0%   MISS
 TOTALS:                                        -----   -----   -----
                                                 7776  100.0%  100.0%
```

```
-----------------
Question TCRED25                              Tape Pos. 236-238
-----------------                             Format: I3

TCRED25 = LIBRARY SCIENCES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
  1 - 02 CREDITS.................                    2      .0%     .1%
 ZERO CREDITS....................            0    1479   19.0%   99.9%
RESERVED CODES:
   MISSING.......................          999    6295   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                           7776  100.0%  100.0%
```

```
-----------------
Question TCRED26                              Tape Pos. 239-241
-----------------                             Format: I3

TCRED26 = LIFE SCIENCES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
  1 - 24 CREDITS.................                  125     1.6%    8.4%
 ZERO CREDITS....................            0    1356   17.4%   91.6%
RESERVED CODES:
   MISSING.......................          999    6295   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                           7776  100.0%  100.0%
```

```
-----------------
Question TCRED27                              Tape Pos. 242-244
-----------------                             Format: I3

TCRED27 = MATHEMATICS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
  1 - 32 CREDITS.................                  206     2.7%   14.0%
 ZERO CREDITS....................            0    1273   16.4%   86.0%
RESERVED CODES:
   MISSING.......................          999    6295   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                           7776  100.0%  100.0%
```

```
-----------------
Question TCRED28                              Tape Pos. 245-247
-----------------                             Format: I3

TCRED28 = MILITARY SCIENCE

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
  1 - 03 CREDITS.................                           .1%     .3%
 ZERO CREDITS....................            0     147   19.0%   99.7%
RESERVED CODES:
   MISSING.......................          999     629   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                            777  100.0%  100.0%
```

```
-----------------
Question TCRED29                              Tape Pos. 248-250
-----------------                             Format: I3

TCRED29 = MILITARY TECHNOLOGY

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
 ZERO CREDITS....................            0    1481   19.0%  100.0%
RESERVED CODES:
   MISSING.......................          999    6295   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                           7776  100.0%  100.0%
```

```
-----------------
Question TCRED30                              Tape Pos. 251-253
-----------------                             Format: I3

TCRED30 = INTERDISC. STUDIES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
  1 - 12 CREDITS.................                   52      .7%    3.5%
 ZERO CREDITS....................            0    1429   18.4%   96.5%
RESERVED CODES:
   MISSING.......................          999    6295   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                           7776  100.0%  100.0%
```

```
-----------------
Question TCRED31                              Tape Pos. 254-256
-----------------                             Format: I3

TCRED31 = PARKS & RECREATION

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
  1 - 06 CREDITS.................                    3      .0%     .2%
 ZERO CREDITS....................            0    1478   19.0%   99.8%
RESERVED CODES:
   MISSING.......................          999    6295   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                           7776  100.0%  100.0%
```

```
-----------------
Question TCRED32                              Tape Pos. 257-259
-----------------                             Format: I3

TCRED32 = BASIC SKILLS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated

                                                          PER-   VALID
     RESPONSE                          CODES      FREQ    CENT    PCT
   ------------                      ---------   -----   -----   -----
  1 - 07 CREDITS.................                   50      .6%    3.4%
 ZERO CREDITS....................            0    1431   18.4%   96.6%
RESERVED CODES:
   MISSING.......................          999    6295   81.0%   MISS
                                                 -----   -----   -----
TOTALS:                                           7776  100.0%  100.0%
```

Question TCRED33

Tape Pos. 260-262
Format: I3

TCRED33 = CIVICS ACTIVITIES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
ZERO CREDITS....................	0	1481	19.0%	100.0%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question TCRED34

Tape Pos. 263-265
Format: I3

TCRED34 = HEALTH RELATED ACT.

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 05 CREDITS.................		26	.3%	1.8%
ZERO CREDITS....................	0	1455	18.7%	98.2%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question TCRED35

Tape Pos. 266-268
Format: I3

TCRED35 = INTERPERSONAL SKILLS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 04 CREDITS.................		11	.1%	.7%
ZERO CREDITS....................	0	1470	18.9%	99.3%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question TCRED36

Tape Pos. 269-271
Format: I3

TCRED36 = LEISURE SERVICES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 15 CREDITS.................		137	1.8%	9.3%
ZERO CREDITS....................	0	1344	17.3%	90.7%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question TCRED37

Tape Pos. 272-274
Format: I3

TCRED37 = PERSONAL AWARENESS

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 06 CREDITS.................		3	.0%	.2%
ZERO CREDITS....................	0	1478	19.0%	99.8%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question TCRED38

Tape Pos. 275-277
Format: I3

TCRED38 = PHILOSOPHY-RELIGION

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 18 CREDITS.................		75	1.0%	5.1%
ZERO CREDITS....................	0	1406	18.1%	94.9%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question TCRED39

Tape Pos. 278-280
Format: I3

TCRED39 = THEOLOGY

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 14 CREDITS.................		15	.2%	1.0%
ZERO CREDITS....................	0	1466	18.9%	99.0%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question TCRED40

Tape Pos. 281-283
Format: I3

TCRED40 = PHYSICAL SCIENCES

Credits transferred to non-vocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - 39 CREDITS.................		128	1.6%	8.6%
ZERO CREDITS....................	0	1353	17.4%	91.4%
RESERVED CODES:				
MISSING........................	999	6295	81.0%	MISS
TOTALS:		7776	100.0%	100.0%

```
-----------------
Question TCRED41                                     Tape Pos. 284-286
-----------------                                    Format: I3

TCRED41 = SCIENCE TECHNOLOGY

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  ZERO CREDITS.. ...............           0      1481      19.0%  100.0%
 RESERVED CODES:
     MISSING.......................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

```
-----------------
Question TCRED42                                     Tape Pos. 287-289
-----------------                                    Format: I3

TCRED42 = PSYCHOLOGY

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  1 - 18  CREDITS................                  185       2.4%   12.5%
  ZERO CREDITS...................          0      1296      16.7%   87.5%
 RESERVED CODES:
     MISSING.......................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

```
-----------------
Question TCRED43                                     Tape Pos. 290-292
-----------------                                    Format: I3

TCRED43 = PROTECTIVE SERVICES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  1 - 28 CREDITS.................                   10         .1%     .7%
  ZERO CREDITS...................          0      1471      18.9%   99.3%
 RESERVED CODES:
     MISSING. .....................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

```
-----------------
Question TCRED44                                     Tape Pos. 293-295
-----------------                                    Format: I3

TCRED44 = PUBLIC AFFAIRS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  1 - 07 CREDITS.................                    7         .1%     .5%
  ZERO CREDITS...................          0      1474      19.0%   99.5%
 RESERVED CODES:
     MISSING.......................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

```
-----------------
Question TCRED45                                     Tape Pos. 296-298
-----------------                                    Format: I3

TCRED45 = SOCIAL SCIENCES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  1 - 39  CREDITS................                  312       4.0%   21.1%
  ZERO CREDITS...................          0      1169      15.0%   78.9%
 RESERVED CODES:
     MISSING.......................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

```
-----------------
Question TCRED46                                     Tape Pos. 299-301
-----------------                                    Format: I3

TCRED46 = CONSTRUCTION TECH.

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  1 - 03 CREDITS.................                    1         .0%     .1%
  ZERO CREDITS...................          0      1480      19.0%   99.9%
 RESERVED CODES:
     MISSING.......................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

```
-----------------
Question TCRED47                                     Tape Pos. 302-304
-----------------                                    Format: I3

TCRED47 = MECHANICAL REPAIRS

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  1 - 03 CREDITS.................                    2         .0%     .1%
  ZERO CREDITS...................          0      1479      19.0%   99.9%
 RESERVED CODES:
     MISSING.......................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

```
-----------------
Question TCRED48                                     Tape Pos. 305-307
-----------------                                    Format: I3

TCRED48 = PRECISION SCIENCES

Credits transferred to non-vocational postsecondary
institutions in 'standard terms' for the CIP area indicated
                                                             PER-   VALID
     RESPONSE                          CODES      FREQ       CENT    PCT
    -----------                      ---------   -----      -----   -----
  1 - 15 CREDITS.................                    8         .1%     .5%
  ZERO CREDITS...................          0      1473      18.9%   99.5%
 RESERVED CODES:
     MISSING.......................      999      6295      81.0%   MISS
                                                 -----      -----   -----
 TOTALS:                                          7776     100.0%  100.0%
```

Question TCRED[illegible]

Tape Pos. [illegible]
Format: I3

TCRED[illegible] = MATERIAL TRANSPORT

Credits transferred to nonvocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - [illegible] CREDITS		[illegible]	[illegible]	[illegible]
ZERO CREDITS	0	[illegible]	[illegible]	[illegible]
RESERVED CODES:				
MISSING	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question TCRED[illegible]

Tape Pos. [illegible]
Format: I3

TCRED[illegible] = VISUAL-PERFORM. ARTS

Credits transferred to nonvocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - [illegible] CREDITS		[illegible]	[illegible]	[illegible]
ZERO CREDITS	0	[illegible]	[illegible]	[illegible]
RESERVED CODES:				
MISSING	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question TCRED[illegible]

Tape Pos. [illegible]
Format: I3

TCRED[illegible] = MISSING

Credits transferred to nonvocational postsecondary institutions in 'standard terms' for the CIP area indicated

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1 - [illegible] CREDITS		[illegible]	[illegible]	[illegible]
ZERO CREDITS	0	[illegible]	[illegible]	[illegible]
RESERVED CODES:				
MISSING	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question RACE2

Tape Pos. [illegible]
Format: [illegible]

RACE2 = COMPOSITE RACE-ETHNICITY

Composite race, ethnicity

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Mexican	[illegible]	[illegible]	[illegible]	[illegible]
Cuban	[illegible]	[illegible]	[illegible]	[illegible]
Puerto Rican	[illegible]	[illegible]	[illegible]	[illegible]
Other Hispanic	[illegible]	[illegible]	[illegible]	[illegible]
Native American	[illegible]	[illegible]	[illegible]	[illegible]
Asian, Pacific	[illegible]	[illegible]	[illegible]	[illegible]
Black	[illegible]	[illegible]	[illegible]	[illegible]
White	[illegible]	[illegible]	[illegible]	[illegible]
Other	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question SEXCOMP

Tape Pos. [illegible]
Format: [illegible]

SEXCOMP = COMPOSITE SEX

Sex of respondent

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Male	1	[illegible]	[illegible]	[illegible]
Female	2	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question SCHSAMP

Tape Pos. [illegible]
Format: [illegible]

SCHSAMP = HIGH SCHOOL SAMPLE TYPE

High school sample type

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Regular public schools	[illegible]	[illegible]	[illegible]	[illegible]
Alternative public schools	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] Hispanic public schools	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] Hispanic public schools	[illegible]	[illegible]	[illegible]	[illegible]
Regular Catholic schools	[illegible]	[illegible]	[illegible]	[illegible]
Black Catholic schools	[illegible]	[illegible]	[illegible]	[illegible]
Cuban Hispanic Catholic schools	[illegible]	[illegible]	[illegible]	[illegible]
Private schools: Elite	[illegible]	[illegible]	[illegible]	[illegible]
Private schools: Other	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question HSPROG

Tape Pos. [illegible]
Format: [illegible]

HSPROG = HIGH SCHOOL PROGRAM TYPE

High school program type

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
General	[illegible]	[illegible]	[illegible]	[illegible]
Academic	[illegible]	[illegible]	[illegible]	[illegible]
Vocational	[illegible]	[illegible]	[illegible]	[illegible]
Missing	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question PARTIC

Tape Pos. [illegible]
Format: I3

PARTIC = PARTICIPATION FLAGS

Participation flags

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] & BY	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] & BY	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] & BY	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		[illegible]	100.0%	100.0%

Question SCHREGN

Tape Pos. 326
Format: I1

SCHREGN = HIGH SCHOOL CIC CENSUS REGION

High school census region

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
New England	1	365	4.7%	4.7%
Middle Atlantic	2	1200	15.4%	15.4%
South Atlantic	3	1360	17.5%	17.5%
East South Central	4	366	4.7%	4.7%
West South Central	5	919	11.8%	11.8%
East North Central	6	1366	17.6%	17.6%
West North Central	7	523	6.7%	6.7%
Mountain	8	397	5.1%	5.1%
Pacific	9	1280	16.5%	16.5%
TOTALS:		7776	100.0%	100.0%

Question HSREGION

Tape Pos. 327-329
Format: F3.1

HSREGION = HIGH SCHOOL REGION

High School Region

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
NEW ENGLAND	1.1	365	4.7%	4.7%
MIDDLE ATLANTIC	1.2	1200	15.4%	15.4%
EAST NORTH CENTR	2.1	1366	17.6%	17.6%
WEST NORTH CENTR	2.2	523	6.7%	6.7%
SOUTH ATLANTIC	3.1	1360	17.5%	17.5%
EAST SOUTH CENTR	3.2	366	4.7%	4.7%
WEST SOUTH CENTR	3.3	919	11.8%	11.8%
MOUNTAIN	4.1	397	5.1%	5.1%
PACIFIC	4.2	1280	16.5%	16.5%
TOTALS:		7776	100.0%	100.0%

Question HSURBAN

Tape Pos. 330
Format: I1

HSURBAN = HIGH SCHOOL URBANIZATION

High School Urbanization

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Urban	1	2172	27.9%	27.9%
Suburban	2	3804	48.9%	48.9%
Rural	3	1800	23.1%	23.1%
TOTALS:		7776	100.0%	100.0%

Question BYSCHDAT

Tape Pos. 331
Format: I1

BYSCHDAT = BY SCHOOL QUEX FLAG

Base Year school quex flag

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Not Available	0	159	2.0%	2.0%
Available	1	7617	98.0%	98.0%
TOTALS:		7776	100.0%	100.0%

Question BYTEST

Tape Pos. 332-337
Format: F6.2

BYTEST = BY TEST COMPOSITE

Base Year test composite

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
28.77 TO 72.81		7776	100.0%	100.0%
TOTALS:		7776	100.0%	100.0%

Question BYTESTQ

Tape Pos. 338
Format: I1

BYTESTQ = BY TEST QUARTILE

Base Year test quartile

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
First Quartile	1	1545	19.9%	22.6%
Second Quartile	2	1552	20.0%	22.7%
Third Quartile	3	1712	22.0%	25.0%
Highest Quartile	4	2027	26.1%	29.7%
MISSING, NO DATA	9	940	12.1%	MISS
TOTALS:		7776	100.0%	100.0%

Question BYSES

Tape Pos. 339-344
Format: F6.2

BYSES = BY SES COMPOSITE

Base Year SES composite

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
-2.62 TO 2.17		7776	100.0%	100.0%
TOTALS:		7776	100.0%	100.0%

Question BYSESQ

Tape Pos. 345
Format: I1

BYSESQ = BY SES QUARTILE

Base Year SES quartile

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
First Quartile	1	2272	29.2%	30.8%
Second Quartile	2	1590	20.4%	21.5%
Third Quartile	3	1696	21.8%	23.0%
Highest Quartile	4	1826	23.5%	24.7%
MISSING, NO DATA	9	392	5.0%	MISS
TOTALS:		7776	100.0%	100.0%

Question HSCRADES

Tape Pos. 346
Format: I1

HSCRADES = SELF-REPORTED GRADES

Self-reported grades

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
A 90-100	1	1137	14.6%	15.2%
A,B 85-89	2	1840	23.7%	24.5%
B 80-84	3	1622	20.9%	21.6%
B,C 75-79	4	1924	24.7%	25.6%
C 70-74	5	726	9.3%	9.7%
C,D 65-69	6	232	3.0%	3.1%
D 60-64	7	20	.3%	.3%
BLW D <60	8	3	.0%	.0%
MISSING	9	272	3.5%	MISS
TOTALS:		7776	100.0%	100.0%

Question RAWWT

Tape Pos. 347-353
Format: F7.2

RAWWT = HS&B RAW WEIGHT

HS&B raw weight

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
1.09 TO 1080.84		7776	100.0%	100.0%
TOTALS:		7776	100.0%	100.0%

Question WT1

Tape Pos. 354-360
Format: F7.2

WT1 = TRANSCRIPT WEIGHT

Transcript weight

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
.00 TO 1428.17		7776	100.0%	100.0%
TOTALS:		7776	100.0%	100.0%

Question WT2

Tape Pos. 361-367
Format: F7.2

WT2 = PANEL WEIGHT

Panel weight

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
.00 TO 1128.53		7776	100.0%	100.0%
TOTALS:		7776	100.0%	100.0%

Question PSTSOCSO

Tape Pos. 368
Format: I1

PSTSOCSO = ACTIVITY IN 10-80

Activity in 10-80

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
<6 Credits private	1	168	2.2%	3.3%
<6 Credits 4yr pub	2	74	1.0%	1.4%
<6 Credits 2yr pub	3	177	2.3%	3.4%
>= 6 Credits private	4	988	12.7%	19.1%
>= 6 Credits 4yr pub	5	2163	27.8%	41.9%
>= 6 Credits 2yr pub	6	1458	18.8%	28.3%
Other enrolled	7	137	1.8%	2.7%
Missing-Not enrolled	9	2612	33.6%	MISS
TOTALS:		7776	100.0%	100.0%

Question CREDOCSO

Tape Pos. 369-371
Format: I3

CREDOCSO = CREDITS EARNED THRU 10-80

Non-transfer credits earned thru 10-80 at non-vocational postsecondary institutions

Question PSTSFEB1

Tape Pos. 372
Format: I1

PSTSFEB1 = ACTIVITY IN 2-81

Activity in 2-81

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
<6 Credits private	1	169	2.2%	3.3%
<6 Credits 4yr pub	2	62	.8%	1.2%
<6 Credits 2yr pub	3	181	2.3%	3.5%
>= 6 Credits private	4	935	12.0%	18.3%
>= 6 Credits 4yr pub	5	2142	27.5%	42.0%
>= 6 Credits 2yr pub	6	1485	19.1%	29.1%
Other enrolled	7	131	1.7%	2.6%
Missing-Not enrolled	9	2671	34.3%	MISS
TOTALS:		7776	100.0%	100.0%

Question CREDFEB1

Tape Pos. 373-375
Format: I3

CREDFEB1 = CREDITS EARNED THRU 2-81

Non-transfer credits earned thru 2-81 at non-vocational postsecondary institutions

Question PSTSJUB1

Tape Pos. 376
Format: I1

PSTSJUB1 = ACTIVITY IN 7-81

Activity in 7-81

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Private	1	152	2.0%	12.6%
4yr Public	2	400	5.1%	33.1%
2yr Public	3	613	7.9%	50.8%
Other enrolled	7	42	.5%	3.5%
Missing-Not enrolled	9	6569	84.5%	MISS
TOTALS:		7776	100.0%	100.0%

```
-----------------
Question CREDJU81                            Tape Pos. 377-379
-----------------                            Format: I3

CREDJU81 = CREDITS EARNED THRU 7-81

Non-transfer credits earned thru 7-81 at non-vocational
postsecondary institutions
```

```
-----------------
Question PSTSOC81                            Tape Pos. 380
-----------------                            Format: I1

PSTSOC81 = ACTIVITY IN 10-81

Activity in 10-81

                                                        PER-   VALID
     RESPONSE                       CODES      FREQ     CENT    PCT
    ----------                    ---------   -----    -----   -----
 <6 Credits private.............          1     168     2.2%    3.5%
 <6 Credits 4yr pub.............          2      61      .8%    1.3%
 <6 Credits 2yr pub.............          3     176     2.3%    3.6%
 >= 6 Credits private...........          4     879    11.3%   18.1%
 >= 6 Credits 4yr pub...........          5    2020    26.0%   41.5%
 >= 6 Credits 2yr pub...........          6    1372    17.6%   28.2%
 Other enrolled.................          7     137     1.8%    2.8%
 Missing-Not enrolled...........          9    2913    37.5%   MISS
                                              -----    -----   -----
 TOTALS:                                       7776   100.0%  100.0%
```

```
-----------------
Question CREDOC81                            Tape Pos. 381-383
-----------------                            Format: I3

CREDOC81 = CREDITS EARNED THRU 10-81

Non-transfer credits earned thru 10-81 at non-vocational
postsecondary institutions
```

```
-----------------
Question PSTSFE82                            Tape Pos. 384
-----------------                            Format: I1

PSTSFE82 = ACTIVITY IN 2-82

Activity in 2-82

                                                        PER-   VALID
     RESPONSE                       CODES      FREQ     CENT    PCT
    ----------                    ---------   -----    -----   -----
 <6 Credits private.............          1     172     2.2%    3.6%
 <6 Credits 4yr pub.............          2      72      .9%    1.5%
 <6 Credits 2yr pub.............          3     216     2.8%    4.6%
 >= 6 Credits private...........          4     879    11.3%   18.6%
 >= 6 Credits 4yr pub...........          5    1951    25.1%   41.3%
 >= 6 Credits 2yr pub...........          6    1307    16.8%   27.7%
 Other enrolled.................          7     128     1.6%    2.7%
 Missing-Not enrolled...........          9    3051    39.2%   MISS
                                              -----    -----   -----
 TOTALS:                                       7776   100.0%  100.0%
```

```
-----------------
Question CREDFE82                            Tape Pos. 385-387
-----------------                            Format: I3

CREDFE82 = CREDITS EARNED THRU 2-82

Non-transfer credits earned thru 2-82 at non-vocational
postsecondary institutions
```

```
-----------------
Question PSTSJU82                            Tape Pos. 388
-----------------                            Format: I1

PSTSJU82 = ACTIVITY IN 7-82

Activity in 7-82

                                                        PER-   VALID
     RESPONSE                       CODES      FREQ     CENT    PCT
    ----------                    ---------   -----    -----   -----
 Private........................          1     192     2.5%   15.2%
 4yr Public.....................          2     505     6.5%   40.0%
 2yr Public.....................          3     512     6.6%   40.5%
 Other enrolled.................          7      54      .7%    4.3%
 Missing-Not enrolled...........          9    6513    83.8%   MISS
                                              -----    -----   -----
 TOTALS:                                       7776   100.0%  100.0%
```

```
-----------------
Question CREDJU82                            Tape Pos. 389-391
-----------------                            Format: I3

CREDJU82 = CREDITS EARNED THRU 7-82

Non-transfer credits earned thru 7-82 at non-vocational
postsecondary institutions
```

```
-----------------
Question PSTSOC82                            Tape Pos. 392
-----------------                            Format: I1

PSTSOC82 = ACTIVITY IN 10-82

Activity in 10-82

                                                        PER-   VALID
     RESPONSE                       CODES      FREQ     CENT    PCT
    ----------                    ---------   -----    -----   -----
 <6 Credits private.............          1     132     1.7%    3.2%
 <6 Credits 4yr pub.............          2      70      .9%    1.7%
 <6 Credits 2yr pub.............          3     198     2.5%    4.8%
 >= 6 Credits private...........          4     803    10.3%   19.3%
 >= 6 Credits 4yr pub...........          5    1948    25.1%   46.9%
 >= 6 Credits 2yr pub...........          6     890    11.4%   21.4%
 Other enrolled.................          7     109     1.4%    2.6%
 Missing-Not enrolled...........          9    3626    46.6%   MISS
                                              -----    -----   -----
 TOTALS:                                       7776   100.0%  100.0%
```

```
-----------------
Question CREDOC82                            Tape Pos. 393-395
-----------------                            Format: I3

CREDOC82 = CREDITS EARNED THRU 10-82

Non-transfer credits earned thru 10-82 at non-vocational
postsecondary institutions
```

```
-----------------
Question PSTSFE83                            Tape Pos. 396
-----------------                            Format: I1

PSTSFE83 = ACTIVITY IN 2-83

Activity in 2-83

                                                        PER-   VALID
     RESPONSE                       CODES      FREQ     CENT    PCT
    ----------                    ---------   -----    -----   -----
 <6 Credits private.............          1     131     1.7%    3.3%
 <6 Credits 4yr pub.............          2      76     1.0%    1.9%
 <6 Credits 2yr pub.............          3     201     2.6%    5.1%
 >= 6 Credits private...........          4     747     9.6%   18.8%
 >= 6 Credits 4yr pub...........          5    1919    24.7%   48.4%
 >= 6 Credits 2yr pub...........          6     782    10.1%   19.7%
 Other enrolled.................          7     108     1.4%    2.7%
 Missing-Not enrolled...........          9    3812    49.0%   MISS
                                              -----    -----   -----
 TOTALS:                                       7776   100.0%  100.0%
```

Question CREDFE83

Tape Pos. 397-399
Format: I3

CREDFE83 = CREDITS EARNED THRU 2-83

Non-transfer credits earned thru 2-83 at non-vocational postsecondary institutions

Question PSTSJU83

Tape Pos. 400
Format: I1

PSTSJU83 = ACTIVITY IN 7-83

Activity in 7-83

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Private	1	239	3.1%	17.5%
4yr Public	2	763	9.8%	55.8%
2yr Public	3	323	4.2%	23.6%
Other enrolled	7	42	.5%	3.1%
Missing-Not enrolled	9	6409	82.4%	MISS
TOTALS:		7776	100.0%	100.0%

Question CREDJU83

Tape Pos. 401-403
Format: I3

CREDJU83 = CREDITS EARNED THRU 7-83

Non-transfer credits earned thru 7-83 at non-vocational postsecondary institutions

Question PSTSOC83

Tape Pos. 404
Format: I1

PSTSOC83 = ACTIVITY IN 10-83

Activity in 10-83

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
<6 Credits private	1	135	1.7%	3.7%
<6 Credits 4yr pub	2	63	.8%	1.7%
<6 Credits 2yr pub	3	202	2.6%	5.5%
>= 6 Credits private	4	768	9.9%	20.9%
>= 6 Credits 4yr pub	5	1907	24.5%	51.9%
>= 6 Credits 2yr pub	6	508	6.5%	13.8%
Other enrolled	7	90	1.2%	2.5%
Missing-Not enrolled	9	4105	52.8%	MISS
TOTALS:		7776	100.0%	100.0%

Question CREDOC83

Tape Pos. 405-407
Format: I3

CREDOC83 = CREDITS EARNED THRU 10-83

Non-transfer credits earned thru 10-83 at non-vocational postsecondary institutions

Question PSTSFE84

Tape Pos. 408
Format: I1

PSTSFE84 = ACTIVITY IN 2-84

Activity in 2-84

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
<6 Credits private	1	152	2.0%	4.4%
<6 Credits 4yr pub	2	80	1.0%	2.3%
<6 Credits 2yr pub	3	181	2.3%	5.3%
>= 6 Credits private	4	710	9.1%	20.6%
>= 6 Credits 4yr pub	5	1804	23.2%	52.4%
>= 6 Credits 2yr pub	6	425	5.5%	12.4%
Other enrolled	7	88	1.1%	2.6%
Missing-Not enrolled	9	4336	55.8%	MISS
TOTALS:		7776	100.0%	100.0%

Question CREDFE84

Tape Pos. 409-411
Format: I3

CREDFE84 = CREDITS EARNED THRU 2-84

Non-transfer credits earned thru 2-84 at non-vocational postsecondary institutions

Question PSTSJU84

Tape Pos. 412
Format: I1

PSTSJU84 = ACTIVITY IN 7-84

Activity in 7-84

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Private	1	123	1.6%	16.8%
4yr Public	2	440	5.7%	60.1%
2yr Public	3	147	1.9%	20.1%
Other enrolled	7	22	.3%	3.0%
Missing-Not enrolled	9	7044	90.6%	MISS
TOTALS:		7776	100.0%	100.0%

Question CREDJU84

Tape Pos. 413-415
Format: I3

CREDJU84 = CREDITS EARNED THRU 7-84

Non-transfer credits earned thru 7-84 at non-vocational postsecondary institutions

* TRANSCRIPT LEVEL RECORD *

Question RECTYPE2

Tape Pos. 1
Format: I1

RECTYPE2 = RECORD TYPE INDICATOR

Record Type Indicator

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Transcript......................	2	11288	100.0%	100.0%
TOTALS:		11288	100.0%	100.0%

Question STUID

Tape Pos. 2-7
Format: I6

STUID = STUDENT IDENTIFICATION NO.

Student Identification Number

Question TRANSNUM

Tape Pos. 8
Format: I1

TRANSNUM = TRANSCRIPT NUMBER

Transcript Number

Question FICE

Tape Pos. 9-14
Format: I6

FICE = SCHOOL ID

FICE Code

Question TRNSFLAG

Tape Pos. 15
Format: I1

TRNSFLAG = TRANSCRIPT RECEIVED

Flag to indicate transcript received

Question TRNSFERT

Tape Pos. 16
Format: I1

TRNSFERT = TRANSFER COURSES ON THIS TRANSCRIPT

Flag to indicate transfer courses on this transcript

Question FINDISP

Tape Pos. 17
Format: I1

FINDISP = FINAL DISPOSITION

Final Disposition

Question PSREGION

Tape Pos. 18
Format: I1

PSREGION = POST SECONDARY SCHOOL REGION

PS School Region

Question INSTYPE

Tape Pos. 19
Format: I1

INSTYPE = INSTITUTION TYPE

Institution Type

Question TERMS

Tape Pos. 20-21
Format: I2

TERMS = NUMBER OF TERMS ON TRANSCRIPT

Number of terms on transcript

Question DEGREE1

Tape Pos. 22
Format: I1

DEGREE1 = FIRST CREDENTIAL EARNED

First credential

Question DEGNAME1

Tape Pos. 23-29
Format: A7

DEGNAME1 = VERBATIM DEGREE TEXT, FIRST DEGREE

First Credential Name

Question GPA1

Tape Pos. 30-36
Format: F7.3

GPA1 = FIRST GRADE POINT AVERAGE ON TRANSCRIPT

Grade Point Average for first credential

Question HONORS1

Tape Pos. 37
Format: I1

HONORS1 = HONORS GRANTED, FIRST DEGREE

Flag for honors with first credential

Question DEGMON1

Tape Pos. 38-39
Format: I2

DEGMON1 = MONTH RECEIVED FIRST CREDENTIAL

Month of award of first credential

Question DEGYR1

Tape Pos. 40-41
Format: I2

DEGYR1 = YEAR RECEIVED FIRST CREDENTIAL

Year of award of first credential

Question DEGREE2

Tape Pos. 42
Format: I1

DEGREE2 = SECOND CREDENTIAL EARNED

Second credential

Question DEGNAME2

Tape Pos. 43-49
Format: A7

DEGNAME2 = VERBATIM DEGREE TEXT, SECOND DEGREE

Second Credential Name

Question GPA2

Tape Pos. 50-56
Format: F7.3

GPA2 = SECOND GRADE POINT AVERAGE ON TRANSCRIPT

Grade Point Average for second credential

Question HONORS2

Tape Pos. 57
Format: I1

HONORS2 = HONORS GRANTED, SECOND DEGREE

Flag for honors with second credential

Question DEGMON2

Tape Pos. 58-59
Format: I2

DEGMON2 = MONTH RECEIVED SECOND CREDENTIAL

Month of award of second credential

Question DEGYR2

Tape Pos. 60-61
Format: I2

DEGYR2 = YEAR RECEIVED SECOND CREDENTIAL

Year of award of second credential

Question DEGREE3

Tape Pos. 62
Format: I1

DEGREE3 = THIRD CREDENTIAL EARNED

Third credential

Question DEGNAME3

Tape Pos. 63-69
Format: A7

DEGNAME3 = VERBATIM DEGREE TEXT, FIRST DEGREE

First Credential Name

Question GPA3

Tape Pos. 70-76
Format: F7.3

GPA3 = THIRD GRADE POINT AVERAGE ON TRANSCRIPT

Grade Point Average for third credential

Question HONORS3

Tape Pos. 77
Format: I1

HONORS3 = HONORS GRANTED, THIRD DEGREE

Flag for honors with third credential

Question DEGMON3

Tape Pos. 78-79
Format: I2

DEGMON3 = MONTH RECEIVED THIRD CREDENTIAL

Month of award of third credential

Question DEGYR3

Tape Pos. 80-81
Format: I2

DEGYR3 = YEAR RECEIVED THIRD CREDENTIAL

Year of award of third credential

Question MAJCIP1

Tape Pos. 82-87
Format: I6

MAJCIP1 = CIP CODE FIRST MAJOR AREA

CIP code for first major

Question MAJTEXT1

Tape Pos. 88-112
Format: A25

MAJTEXT1 = VERBATIM FIRST MAJOR 25 CHARS

Verbatim for first major

Question MAJCIP2

Tape Pos. 113-118
Format: I6

MAJCIP2 = CIP CODE SECOND MAJOR AREA

CIP code for second major

Question MAJTEXT2

Tape Pos. 119-143
Format: A25

MAJTEXT2 = VERBATIM SECOND MAJOR 25 CHARS

Verbatim for second major

Question MAJCIP3

Tape Pos. 144-149
Format: I6

MAJCIP3 = CIP CODE THIRD MAJOR AREA

CIP code for third major

Question MAJTEXT3

Tape Pos. 150-174
Format: A25

MAJTEXT3 = VERBATIM THIRD MAJOR 25 CHARS

Verbatim for third major

Question MINCIP1

Tape Pos. 175-180
Format: I6

MINCIP1 = CIP CODE FIRST MINOR AREA

CIP code for first minor

Question MINTEXT1

Tape Pos. 181-205
Format: A25

MINTEXT1 = VERBATIM FIRST MINOR 25 CHARS

Verbatim for first minor

Question MINCIP2

Tape Pos. 206-211
Format: I6

MINCIP2 = CIP CODE SECOND MINOR AREA

CIP code for second minor

Question MINTEXT2

Tape Pos. 212-236
Format: A25

MINTEXT2 = VERBATIM SECOND MINOR 25 CHARS

Verbatim for second minor

Question MINCIP3

Tape Pos. 237-242
Format: I6

MINCIP3 = CIP CODE THIRD MINOR AREA

CIP code for third minor

Question MINTEXT3

Tape Pos. 243-267
Format: A25

MINTEXT3 = VERBATIM THIRD MINOR 25 CHARS

Verbatim for third minor

Question GENGPA

Tape Pos. 268-274
Format: F7.3

GENGPA = SYNTHETIC GPA

Synthetic GPA for non-transfer courses with letter grades taken at non-vocational postsecondary institutions in 'standard terms'

Question TCREDA

Tape Pos. 275-277
Format: I3

TCREDA = TOTAL CREDITS ATTEMPTED

Total non-transfer credits attempted in 'standard terms' at non-vocational postsecondary institutions

Question TCREDE

Tape Pos. 278-280
Format: I3

TCREDE = TOTAL CREDITS EARNED

Total non-transfer credits earned in 'standard terms' at non-vocational postsecondary institutions

```
*********************
* TERM LEVEL RECORD *
*********************

-----------------
Question RECTYPE3                              Tape Pos. 1
-----------------                              Format: I1

RECTYPE3 = RECORD TYPE INDICATOR

Record Type Indicator

                                                       PER-   VALID
      RESPONSE                     CODES    FREQ      CENT     PCT
     ----------                 ---------   -----    -----   -----
 Term...........................        3   51730   100.0%  100.0%
                                            -----    -----   -----
 TOTALS:                                    51730   100.0%  100.0%


--------------
Question STUID                                 Tape Pos. 2-7
--------------                                 Format: I6

STUID = STUDENT IDENTIFICATION NO.

Student Identification Number


----------------
Question TRANSNUM                              Tape Pos. 8
----------------                               Format: I1

TRANSNUM = TRANSCRIPT NUMBER

Transcript Number


---------------
Question TERMNUM                               Tape Pos. 9-10
---------------                                Format: I2

TERMNUM = NTH TERM OF TRANSCRIPT BY SORTDATE

Number of this term


----------------
Question SORTDATE                              Tape Pos. 11-14
----------------                               Format: I4

SORTDATE = DATE OF TERM <YYMM>

Constructed starting date of term in form YYMM (if starting
date was missing, ending date was used)


----------------
Question TRANSFER                              Tape Pos. 15
----------------                               Format: I1

TRANSFER = TRANSFER COURSES IN TRANSCRIPT

Flag for transfer terms


----------------
Question TERMTYPE                              Tape Pos. 16
----------------                               Format: I1

TERMTYPE = TYPE OF TERM

Type of Term (semester, quarter, etc.)


---------------
Question COURSES                               Tape Pos. 17-18
---------------                                Format: I2

COURSES = NUMBER OF COURSES THIS TERM

Number of courses in this term


----------------
Question STARTMON                              Tape Pos. 19-20
----------------                               Format: I2

STARTMON = TERM START MONTH

Start month of term


---------------
Question STARTYR                               Tape Pos. 21-22
---------------                                Format: I2

STARTYR = TERM START YEAR

Start year of term


--------------
Question ENDMON                                Tape Pos. 23-24
--------------                                 Format: I2

ENDMON = TERM END MONTH

End month of term


-------------
Question ENDYR                                 Tape Pos. 25-26
-------------                                  Format: I2

ENDYR = TERM END YEAR

End year of term


--------------
Question SEASON                                Tape Pos. 27
--------------                                 Format: I1

SEASON = SEASON COURSES TAKEN

School term season


----------------
Question GRADCODE                              Tape Pos. 28
----------------                               Format: I1

GRADCODE = GRADE SCALE TYPE

Grade Scale Type


----------------
Question PASSGRAD                              Tape Pos. 29-31
----------------                               Format: I3

PASSGRAD = PASSING GRADE <NUMERIC ONLY>

Scale passing grade (numeric only)
```

Question HIGHGRAD

Tape Pos. 32-34
Format: I3

HIGHGRAD = SCALE HIGHEST GRADE <NUMERIC ONLY>

Scale highest grade (numeric only)

Question LOWGRAD

Tape Pos. 35-37
Format: I3

LOWGRAD = SCALE LOWEST GRADE <NUMERIC ONLY>

Scale lowest grade (numeric only)

Question MEMO

Tape Pos. 38-62
Format: A25

MEMO = MEMO OR VERBATIM NAME OF TRANSFER SCHOOL

Name of transfer school or verbatim text from undated term

= COURSE LEVEL RECORD =

Question RECTYPE4

Tape Pos. 1
Format: I1

RECTYPE4 = RECORD TYPE INDICATOR

Record Type Indicator

RESPONSE	CODES	FREQ	PER-CENT	VALID PCT
Course............................	4	216426	100.0%	100.0%
TOTALS:		216426	100.0%	100.0%

Question STUID

Tape Pos. 2-7
Format: I6

STUID = STUDENT IDENTIFICATION NUMBER

Student Identification Number

Question TRANSNUM

Tape Pos. 8
Format: I1

TRANSNUM = TRANSCRIPT NUMBER

Transcript Number

Question TERMNUM

Tape Pos. 9-10
Format: I2

TERMNUM = TERM NUMBER

Term Number

Question CRSECIP

Tape Pos. 11-16
Format: I6

CRSECIP = COURSE CIP CODE

Course CIP code

Question CRSCRED

Tape Pos. 17-23
Format: F7.3

CRSECRED = COURSE CREDITS POSSIBLE

Course credits possible

Question CRSCRADA

Tape Pos. 24-25
Format: A2

CRSCRADA = LETTER GRADE FOR COURSE

Grade received, if letter

Question CRSCRADS

Tape Pos. 26-32
Format: F7.3

CRSCRADS = NUMERIC GRADE FOR COURSE

Grade received, if numeric

Question GRADTYPE

Tape Pos. 33
Format: I1

GRADTYPE = TYPE OF GRADE

Grade scale for this course

Question CRSENAME

Tape Pos. 34-58
Format: A25

CRSENAME = VERBATIM COURSE TITLE

Verbatim course title

APPENDIX A: List of Endorsing Institutions

APPENDIX A

Postsecondary School Transcript Study
Endorsing Institutions

American Association of Collegiate Registrars and Admissions Officers (AACRAO)

American Association of Community and Junior Colleges (AACJC)

American Association of State Colleges and Universities (AASCU)

American Council on Education (ACE)

Association of Catholic Colleges and Universities (ACCU)

Association of Independent Colleges and Schools (AICS)

Association of Jesuit Colleges and Universities (AJCU)

The College Board

National Accrediting Commission of Cosmetology Arts and Sciences (NACCAS)

National Association of College and University Business Officers (NACUBO)

National Association for Equal Opportunity in Higher Education (NAFEO)

National Association of Student Financial Aid Administrators (NASFAA)

National Association of Trade and Technical Schools (NATTS)

National Institute of Independent Colleges and Universities (NIICU)

United Negro College Fund, Inc.

APPENDIX B: Postsecondary School Codes in Numerical Order

INSTITUTIONS IN THE HS&B POSTSECONDARY SCHOOL TRANSCRIPT SURVEY
BY FICE CODE

FICE	SCHOOL	CITY	ST	ZIP
001002	ALABAMA A & M UNIVERSITY	NORMAL	AL	35762
001003	ALABAMA CHRISTIAN COLLEGE	MONTGOMERY	AL	36109
001005	ALABAMA STATE UNIVERSITY	MONTGOMERY	AL	36195
001007	ALEXANDER CITY STATE JC	ALEXANDER CY	AL	35010
001009	AUBURN U MAIN CAMPUS	AUBURN	AL	36849
001016	NORTH ALABAMA,U OF	FLORENCE	AL	35630
001017	GADSDEN STATE JR COLLEGE	GADSDEN	AL	35903
001018	GEO C WALLACE ST CC-DOTHN	DOTHAN	AL	36303
001020	JACKSONVL ST UNIVERSITY	JACKSONVILLE	AL	36265
001021	JEFFERSON DAVIS STATE JC	BREWTON	AL	36427
001022	JEFFERSON ST JR COLLEGE	BIRMINGHAM	AL	35215
001023	JUDSON COLLEGE	MARION	AL	36756
001024	LIVINGSTON UNIVERSITY	LIVINGSTON	AL	35470
001026	MARION MILITARY INSTITUTE	MARION	AL	36756
001030	S D BISHOP ST JR COLLEGE	MOBILE	AL	36690
001031	NTHEST ALA ST JR COLLEGE	RAINSVILLE	AL	35986
001033	OAKWOOD COLLEGE	HUNTSVILLE	AL	35806
001034	PATRICK HENRY STATE JC	MONROEVILLE	AL	36460
001036	SAMFORD UNIVERSITY	BIRMINGHAM	AL	35209
001037	SELMA UNIVERSITY	SELMA	AL	36701
001038	SNEAD STATE JR COLLEGE	BOAZ	AL	35957
001041	SPRING HILL COLLEGE	MOBILE	AL	36608
001046	TALLADEGA COLLEGE	TALLADEGA	AL	35160
001047	TROY STATE U MAIN CAMPUS	TROY	AL	36081
001050	TUSKEGEE INSTITUTE	TUSKEGEE INST	AL	36088
001051	UNIVERSITY OF ALABAMA	UNIVERSITY	AL	35486
001052	ALABAMA IN BIRMINGHAM,U	BIRMINGHAM	AL	35294
001057	SOUTH ALABAMA,U OF	MOBILE	AL	36688
001059	LAWSON STATE CMTY COLLEGE	BIRMINGHAM	AL	35221
001060	FAULKNER STATE JR COLLEGE	BAY MINETTE	AL	36507
001062	SHELDON JACKSON COLLEGE	SITKA	AK	99835
001063	ALASKA U FAIRBANKS CAMPUS	FAIRBANKS	AK	99701
001064	ANCHORAGE COMMUNITY COLLEGE	ANCHORAGE	AK	99504
001066	ALASKA KENAI CC, U OF	SOLDOTHNA	AK	99669
001071	ARIZONA WESTERN COLLEGE	YUMA	AZ	85364
001073	EASTERN ARIZONA COLLEGE	THATCHER	AZ	85552
001074	GRAND CANYON COLLEGE	PHOENIX	AZ	85017
001076	GLENDALE CMTY COLLEGE	GLENDALE	AZ	85302
001077	MESA COMMUNITY COLLEGE	MESA	AZ	85202
001078	PHOENIX COLLEGE	PHOENIX	AZ	85013
001081	ARIZONA STATE UNIVERSITY	TEMPE	AZ	85287
001082	NORTHERN ARIZ UNIVERSITY	FLAGSTAFF	AZ	86011
001083	ARIZONA,UNIVERSITY OF	TUCSON	AZ	85721
001085	ARKANSAS-MONTICELLO,U OF	MONTICELLO	AR	71655
001086	ARKANSAS PINE BLUFF,U OF	PINE BLUFF	AR	71601
001088	ARKANSAS COLLEGE	BATESVILLE	AR	72501
001089	ARKANSAS TECH UNIVERSITY	RUSSELLVILLE	AR	72801
001090	ARKANSAS STATE UNIV MAIN CAMPUS	STATE UNIV	AR	72467
001092	CENTRAL ARKANSAS,U OF	CONWAY	AR	72032
001094	OZARKS,COLLEGE OF THE	CLARKSVILLE	AR	72830
001095	CROWLEY'S RIDGE COLLEGE	PARAGOULD	AR	72450
001098	HENDERSON ST UNIVERSITY	ARKADELPHIA	AR	71923

FICE	SCHOOL	CITY	ST	ZIP
001099	HENDRIX COLLEGE	CONWAY	AR	72032
001100	JOHN BROWN UNIVERSITY	SILOAM SPG	AR	72761
001101	ARKANSAS AT LITTLE ROCK, U OF	LITTLE ROCK	AR	72204
001103	PHILANDER SMITH COLLEGE	LITTLE ROCK	AR	72202
001104	PHILLIPS CO CMTY COLLEGE	HELENA	AR	72342
001107	SOUTHERN ARK U MAIN CAMPUS	MAGNOLIA	AR	71753
001108	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE	AR	72701
001111	ALLAN HANCOCK COLLEGE	SANTA MARIA	CA	93454
001116	ART CTR COLLEGE OF DESIGN	PASADENA	CA	91103
001117	AZUSA PACIFIC COLLEGE	AZUSA	CA	91702
001118	BAKERSFIELD COLLEGE	BAKERSFIELD	CA	93305
001122	BIOLA UNIV	LA MIRADA	CA	90639
001124	CABRILLO COLLEGE	APTOS	CA	95003
001125	CAL BAPTIST COLLEGE	RIVERSIDE	CA	92504
001131	CAL INST OF TECHNOLOGY	PASADENA	CA	91125
001133	CAL LUTHERAN COLLEGE	THOUSAND OAKS	CA	91360
001136	CAL ST U & C SYSTEM OFF	LONG BEACH	CA	90802
001137	CAL STATE U-FULLERTON	FULLERTON	CA	92634
001138	CAL STATE U-HAYWARD	HAYWARD	CA	94542
001139	CAL STATE U-LONG BEACH	LONG BEACH	CA	90840
001140	CAL STATE U-LOS ANGELES	LOS ANGELES	CA	90032
001141	CAL STATE U-DOMINGUEZ HLS	CARSON	CA	90747
001142	CAL STATE C-SN BERNARDINO	SN BERNARDINO	CA	92407
001143	CAL POLY ST U-SN LUIS OB	SN LUIS OBSPO	CA	93407
001144	CAL STATE POLY U-POMONA	POMONA	CA	91768
001146	CAL STATE U-CHICO	CHICO	CA	95929
001147	CAL STATE U-FRESNO	FRESNO	CA	93740
001149	HUMBOLDT STATE U	ARCATA	CA	95521
001150	CAL STATE U-SACRAMENTO	SACRAMENTO	CA	95819
001151	SAN DIEGO STATE U	SAN DIEGO	CA	92182
001153	CAL STATE U-NORTHRIDGE	NORTHRIDGE	CA	91330
001154	SAN FRANCISCO STATE U	SAN FRANCISCO	CA	94132
001155	SAN JOSE STATE U	SAN JOSE	CA	95192
001157	CAL ST COLLEGE-STANISLAUS	TURLOCK	CA	95380
001161	CERRITOS COLLEGE	NORWALK	CA	90650
001162	CHABOT COLLEGE	HAYWARD	CA	94545
001163	CHAFFEY COMMUNITY COLLEGE	ALTA LOMA	CA	91701
001166	CITRUS COLLEGE	AZUSA	CA	91702
001170	CLAREMONT MCKENNA C	CLAREMONT	CA	91711
001173	POMONA COLLEGE	CLAREMONT	CA	91711
001174	SCRIPPS COLLEGE	CLAREMONT	CA	91711
001176	WEST HILLS COLLEGE	COALINGA	CA	93210
001178	MARIN,COLLEGE OF	KENTFIELD	CA	94904
001181	SAN MATEO,COLLEGE OF	SAN MATEO	CA	94402
001182	DESERT.COLLEGE OF THE	PALM DESERT	CA	92260
001185	REDWOODS.COLLEGE OF THE	EUREKA	CA	95501
001186	SEQUOIAS,COLLEGE OF THE	VISALIA	CA	93277
001187	SISKIYOUS,COLLEGE OF THE	WEED	CA	96094
001188	COMPTON CMTY COLLEGE	COMPTON	CA	90221
001191	DIABLO VALLEY COLLEGE	PLEASANT HILL	CA	94523
001192	CUESTA COLLEGE	SN LUIS OBSPO	CA	93406
001193	CYPRESS COLLEGE	CYPRESS	CA	90630

FICE	SCHOOL	CITY	ST	ZIP
001197	EL CAMINO COLLEGE	TORRANCE	CA	90506
001199	FOOTHILL COLLEGE	LOS ALTOS HILLS	CA	94022
001200	FULLER THEOLOGICAL SEM	PASADENA	CA	91101
001201	FULLERTON COLLEGE	FULLERTON	CA	92634
001203	GLENDALE CMTY COLLEGE	GLENDALE	CA	91208
001205	GOLDEN GATE UNIVERSITY	SAN FRANCISCO	CA	94105
001206	GOLDEN WEST COLLEGE	HUNTINGTN BCH	CA	92647
001208	GROSSMONT COLLEGE	EL CAJON	CA	92020
001209	HARTNELL COLLEGE	SALINAS	CA	93901
001210	HEALD INST TECH	SAN FRANCISCO	CA	94109
001214	IMPERIAL VALLEY COLLEGE	IMPERIAL	CA	92251
001216	LA VERNE, U OF	LA VERNE	CA	91750
001217	LASSEN COLLEGE	SUSANVILLE	CA	96130
001218	LOMA LINDA UNIVERSITY	LOMA LINDA	CA	92354
001219	LONG BEACH CITY COLLEGE	LONG BEACH	CA	90808
001220	LOS ANGELES BAPT COLLEGE	AD	CA	91322
001222	EAST LOS ANGELES COLLEGE	MONTEREY PARK	CA	91754
001223	LOS ANGELES CITY COLLEGE	LOS ANGELES	CA	90029
001224	LOS ANG HARBOR COLLEGE	WILMINGTON	CA	90744
001226	LOS ANG PIERCE COLLEGE	WOODLAND HLS	CA	91371
001227	LOS ANG TR TECH COLLEGE	LOS ANGELES	CA	90015
001228	LOS ANG VALLEY COLLEGE	VAN NUYS	CA	91401
001231	LOS RIOS CC DIST OFF	SACRAMENTO	CA	95825
001233	SACRAMENTO CITY COLLEGE	SACRAMENTO	CA	95822
001236	MENLO COLLEGE	MENLO PARK	CA	94025
001237	MERCED COLLEGE	MERCED	CA	95340
001238	MILLS COLLEGE	OAKLAND	CA	94613
001239	MIRA COSTA COLLEGE	OCEANSIDE	CA	92054
001240	MODESTO JUNIOR COLLEGE	MODESTO	CA	95350
001241	MONTEREY INTRNATL STDIES	MONTEREY	CA	93940
001243	MOUNT SNT MARY'S COLLEGE	LOS ANGELES	CA	90049
001245	MOUNT SAN ANTONIO COLLEGE	WALNUT	CA	91789
001246	MT SAN JACINTO COLLEGE	SAN JACINTO	CA	92383
001247	NAPA COLLEGE	NAPA	CA	94558
001248	NORTHROP UNIVERSITY	INGLEWOOD	CA	90306
001249	OCCIDENTAL COLLEGE	LOS ANGELES	CA	90041
001250	ORANGE COAST COLLEGE	COSTA MESA	CA	92626
001253	FRESNO PACIFIC COLLEGE	FRESNO	CA	93702
001254	PACIFIC LUTH THEOL SEM	BERKELEY	CA	94708
001259	PALO VERDE COLLEGE	BLYTHE	CA	92225
001260	PALOMAR COLLEGE	SAN MARCOS	CA	92069
001261	PASADENA CITY COLLEGE	PASADENA	CA	91106
001262	POINT LOMA COLLEGE	SAN DIEGO	CA	92106
001264	PEPPERDINE UNIVERSITY	MALIBU	CA	90265
001266	LANEY COLLEGE	OAKLAND	CA	94607
001267	MERRITT COLLEGE	OAKLAND	CA	94619
001268	PORTERVILLE COLLEGE	PORTERVILLE	CA	93257
001269	RIO HONDO COLLEGE	WHITTIER	CA	90608
001270	RIVERSIDE CITY COLLEGE	RIVERSIDE	CA	92506
001272	SAN BERNARDINO VLY C	SN BERNARDINO	CA	92410
001275	SAN DIEGO MESA COLLEGE	SAN DIEGO	CA	92111
001280	SAN JOAQUIN DELTA COLLEGE	STOCKTON	CA	95207

FICE	SCHOOL	CITY	ST	ZIP
001282	SAN JOSE CITY COLLEGE	SAN JOSE	CA	95128
001284	SANTA ANA COLLEGE	SANTA ANA	CA	92706
001285	SANTA BARBARA CTY COLLEGE	SANTA BARBARA	CA	93109
001286	SANTA MONICA COLLEGE	SANTA MONICA	CA	90405
001287	SANTA ROSA JUNIOR COLLEGE	SANTA ROSA	CA	95401
001289	SHASTA COLLEGE	REDDING	CA	96099
001290	SIERRA COMMUNITY COLLEGE	ROCKLIN	CA	95677
001294	SOUTHWESTERN COLLEGE	CHULA VISTA	CA	92010
001295	SOUTHWESTERN U SCH OF LAW	LOS ANGELES	CA	90005
001296	DOMINICAN SCH PHIL & THEO	BERKELEY	CA	94709
001305	STANFORD UNIVERSITY	STANFORD	CA	94305
001306	STATE CTR CC DIST SYS OFF	FRESNO	CA	93704
001307	FRESNO CITY COLLEGE	FRESNO	CA	93741
001308	KINGS RIVER CMTY COLLEGE	REEDLEY	CA	93654
001309	TAFT COLLEGE	TAFT	CA	93268
001310	NAVAL POSTGRADUATE SCHOOL	MONTEREY	CA	93940
001312	CAL-BERKELEY,U OF	BERKELEY	CA	94720
001313	CAL-DAVIS,U OF	DAVIS	CA	95616
001314	CAL - IRVINE, U OF	IRVINE	CA	92717
001315	CAL-LOS ANGELES,U OF	LOS ANGELES	CA	90024
001316	CAL-RIVERSIDE,U OF	RIVERSIDE	CA	92521
001317	CAL-SAN DIEGO,U OF	LA JOLLA	CA	92093
001319	CAL-SAN FRANCISCO,U OF	SAN FRANCISCO	CA	94143
001320	CAL-SANTA BARBARA,U OF	SANTA BARBARA	CA	93106
001321	CAL-SANTA CRUZ,U OF	SANTA CRUZ	CA	95064
001322	REDLANDS,UNIVERSITY OF	REDLANDS	CA	92373
001326	SANTA CLARA,UNIVERSITY OF	SANTA CLARA	CA	95053
001328	SOUTHERN CALIFORNIA,U OF	LOS ANGELES	CA	90007
001329	PACIFIC,UNIVERSITY OF THE	STOCKTON	CA	95211
001334	VENTURA COLLEGE	VENTURA	CA	93003
001335	VICTOR VALLEY COLLEGE	VICTORVILLE	CA	92392
001336	WEST COAST U MAIN CAMPUS	LOS ANGELES	CA	90020
001338	WEST VALLEY COLLEGE	SARATOGA	CA	95070
001341	WESTMONT COLLEGE	SANTA BARBARA	CA	93108
001342	WHITTIER COLLEGE	WHITTIER	CA	90608
001343	WOODBURY UNIVERSITY	LOS ANGELES	CA	90017
001344	YUBA COLLEGE	MARYSVILLE	CA	95901
001345	ADAMS STATE COLLEGE	ALAMOSA	CO	81102
001346	ARAPAHOE CMTY COLLEGE	LITTLETON	CO	80120
001347	COLORADO COLLEGE	COLORADO SPG	CO	80903
001349	NORTHERN COLORADO,U OF	GREELEY	CO	80639
001350	COLORADO STATE UNIVERSITY	FORT COLLINS	CO	80523
001351	COLORADO WOMEN'S COLLEGE	DENVER	CO	80220
001352	DENVER CONS BAPTIST SEM	DENVER	CO	80210
001353	FORT LEWIS COLLEGE	DURANGO	CO	81301
001358	MESA COLLEGE	GRAND JCT	CO	81501
001360	METROPOLITAN ST COLLEGE	DENVER	CO	80204
001361	NORTHEASTERN JR COLLEGE	STERLING	CO	80751
001362	OTERO JUNIOR COLLEGE	LA JUNTA	CO	81050
001363	REGIS COLLEGE	DENVER	CO	80221
001365	SOUTHERN COLORADO,U OF	PUEBLO	CO	81001
001368	TRINIDAD STATE JR COLLEGE	TRINIDAD	CO	81082

FICE	SCHOOL	CITY	ST	ZIP
001369	US AIR FORCE ACADEMY	USAF ACADEMY	CO	80840
001370	COLORADO AT BOULDER,U OF	BOULDER	CO	80309
001371	DENVER,UNIVERSITY OF	DENVER	CO	80210
001372	WESTERN ST COLLEGE COLO	GUNNISON	CO	81230
001374	ALBERTUS MAGNUS COLLEGE	NEW HAVEN	CT	06511
001378	CENTRAL CONN ST COLLEGE	NEW BRITAIN	CT	06050
001379	CONNECTICUT COLLEGE	NEW LONDON	CT	06320
001380	WESTERN CONN ST COLLEGE	DANBURY	CT	06810
001385	FAIRFIELD UNIVERSITY	FAIRFIELD	CT	06430
001386	HARTFORD COLLEGE WOMEN	HARTFORD	CT	06105
001388	HARTFORD ST TECH COLLEGE	HARTFORD	CT	06106
001392	MANCHESTER CMTY COLLEGE	MANCHESTER	CT	06040
001397	NEW HAVEN,UNIVERSITY OF	WEST HAVEN	CT	06516
001399	NORWALK COMMUNITY COLLEGE	NORWALK	CT	06854
001401	POST COLLEGE	WATERBURY	CT	06708
001402	QUINNIPIAC COLLEGE	HAMDEN	CT	06518
001403	SACRED HEART UNIVERSITY	BRIDGEPORT	CT	06606
001406	SOUTHERN CONN ST COLLEGE	NEW HAVEN	CT	06515
001409	SAINT JOSEPH COLLEGE	WEST HARTFORD	CT	06117
001412	SAINT THOMAS SEMINARY	BLOOMFIELD	CT	06002
001414	TRINITY COLLEGE	HARTFORD	CT	06106
001415	US COAST GUARD ACADEMY	NEW LONDON	CT	06320
001416	BRIDGEPORT,UNIVERSITY OF	BRIDGEPORT	CT	06602
001422	HARTFORD,UNIVERSITY OF	WEST HARTFORD	CT	06117
001423	WATERBURY ST TECH COLLEGE	WATERBURY	CT	06708
001424	WESLEYAN UNIVERSITY	MIDDLETOWN	CT	06457
001425	EASTERN CONN ST COLLEGE	WILLIMANTIC	CT	06226
001426	YALE UNIVERSITY	NEW HAVEN	CT	06520
001427	BRANDYWINE C OF WIDENER U	WILMINGTON	DE	19803
001428	DELAWARE STATE COLLEGE	DOVER	DE	19901
001429	GOLDEY BEACOM COLLEGE	WILMINGTON	DE	19808
001431	DELAWARE,UNIVERSITY OF	NEWARK	DE	19711
001433	WESLEY COLLEGE	DOVER	DE	19901
001434	AMERICAN UNIVERSITY	WASHINGTON	DC	20016
001436	CAPITOL INST TECHNOLOGY	KENSINGTON	MD	20895
001437	CATHOLIC U OF AMERICA	WASHINGTON	DC	20064
001444	GEORGE WASH UNIVERSITY	WASHINGTON	DC	20052
001445	GEORGETOWN UNIVERSITY	WASHINGTON	DC	20057
001448	HOWARD UNIVERSITY	WASHINGTON	DC	20059
001459	STRAYER COLLEGE	WASHINGTON	DC	20005
001460	TRINITY COLLEGE	WASHINGTON	DC	20017
001466	BARRY COLLEGE	MIAMI	FL	33161
001467	BETHUNE COOKMAN COLLEGE	DAYTONA BEACH	FL	32015
001468	BISCAYNE COLLEGE	MIAMI	FL	33054
001470	BREVARD CMTY COLLEGE	COCOA	FL	32922
001471	CENTRAL FLA CMTY COLLEGE	OCALA	FL	32670
001472	CHIPOLA JUNIOR COLLEGE	MARIANNA	FL	32446
001475	DAYTONA BCH CMTY COLLEGE	DAYTONA BEACH	FL	32015
001478	EDWARD WATERS COLLEGE	JACKSONVILLE	FL	32209
001479	EMBRY-RIDDLE AERON U	BUNNELL	FL	32010
001480	FLORIDA A & M U	TALLAHASSEE	FL	32307
001481	FLORIDA ATLANTC U	BOCA RATON	FL	33431

FICE	SCHOOL	CITY	ST	ZIP
001482	FLORIDA COLLEGE	TEMPLE TERRCE	FL	33617
001484	FLORIDA JR C JACKSONVILLE	JACKSONVILLE	FL	32202
001485	FLORIDA KEYS CMTY COLLEGE	KEY WEST	FL	33040
001486	FLORIDA MEMORIAL COLLEGE	MIAMI	FL	33054
001487	ECKERD COLLEGE	ST PETERSBURG	FL	33733
001488	FLORIDA SOUTHERN COLLEGE	LAKELAND	FL	33802
001489	FLORIDA STATE UNIVERSITY	TALLAHASSEE	FL	32306
001490	GULF COAST CMTY COLLEGE	PANAMA CITY	FL	32401
001493	INDIAN RIVER CMTY COLLEGE	FORT PIERCE	FL	33450
001495	JACKSONVILLE UNIVERSITY	JACKSONVILLE	FL	32211
001499	JONES COLLEGE ORLANDO	ORLANDO	FL	32803
001500	BROWARD CMTY COLLEGE	FT LAUDERDALE	FL	33301
001501	LAKE CITY CMTY COLLEGE	LAKE CITY	FL	32055
001502	LAKE-SUMTER CMTY COLLEGE	LEESBURG	FL	32748
001504	MANATEE JUNIOR COLLEGE	BRADENTON	FL	33507
001506	MIAMI-DADE CMTY COLLEGE	MIAMI	FL	33176
001508	NORTH FLORIDA JR COLLEGE	MADISON	FL	32340
001510	OKALOOSA-WALTON JUNIOR C	NICEVILLE	FL	32578
001512	PALM BEACH JUNIOR COLLEGE	LAKE WORTH	FL	33461
001513	PENSACOLA JUNIOR COLLEGE	PENSACOLA	FL	32504
001514	POLK COMMUNITY COLLEGE	WINTER HAVEN	FL	33880
001515	ROLLINS COLLEGE	WINTER PARK	FL	32789
001519	SANTA FE CMTY COLLEGE	GAINESVILLE	FL	32601
001520	SEMINOLE CMTY COLLEGE	SANFORD	FL	32771
001523	SAINT JOHNS RIVER CC	PALATKA	FL	32077
001526	SAINT LEO COLLEGE	SAINT LEO	FL	33574
001528	SAINT PETERSBG JR COLLEGE	ST PETERSBURG	FL	33733
001531	STETSON UNIVERSITY	DELAND	FL	32720
001535	FLORIDA,UNIVERSITY OF	GAINESVILLE	FL	32611
001536	MIAMI,UNIVERSITY OF	CORAL GABLES	FL	33124
001537	SOUTH FLORIDA,U OF	TAMPA	FL	33620
001538	TAMPA,UNIVERSITY OF	TAMPA	FL	33606
001540	WEBBER COLLEGE	BABSON PARK	FL	33827
001541	ABRAHAM BALDWIN AGRL C	TIFTON	GA	31793
001544	ALBANY STATE COLLEGE	ALBANY	GA	31705
001546	ARMSTRONG STATE COLLEGE	SAVANNAH	GA	31406
001554	BERRY COLLEGE	MOUNT BERRY	GA	30149
001556	BRENAU COLLEGE	GAINESVILLE	GA	30501
001559	CLARK COLLEGE	ATLANTA	GA	30314
001561	COLUMBUS COLLEGE	COLUMBUS	GA	31993
001562	DEKALB COMMUNITY COLLEGE	CLARKSTON	GA	30021
001564	EMORY UNIVERSITY	ATLANTA	GA	30322
001566	FORT VALLEY STATE COLLEGE	FORT VALLEY	GA	31030
001567	GAINESVILLE JR COLLEGE	GAINESVILLE	GA	30501
001569	GEORGIA INST OF TECH MAIN CAM	ATLANTA	GA	30332
001571	GEORGIA MILITARY COLLEGE	MILLEDGEVILLE	GA	31061
001572	GEORGIA SOUTHERN COLLEGE	STATESBORO	GA	30460
001573	GEORGIA SOUTHWESTERN C	AMERICUS	GA	31709
001574	GEORGIA STATE UNIVERSITY	ATLANTA	GA	30303
001578	LA GRANGE COLLEGE	LA GRANGE	GA	30240
001580	MERCER U MAIN CAMPUS	MACON	GA	31207
001581	MIDDLE GEORGIA COLLEGE	COCHRAN	GA	31014

FICE	SCHOOL	CITY	ST	ZIP
001582	MOREHOUSE COLLEGE	ATLANTA	GA	30314
001583	MORRIS BROWN COLLEGE	ATLANTA	GA	30314
001585	NORTH GEORGIA COLLEGE	DAHLONEGA	GA	30533
001587	PAINE COLLEGE	AUGUSTA	GA	30901
001590	SAVANNAH STATE COLLEGE	SAVANNAH	GA	31404
001592	SOUTH GEORGIA COLLEGE	DOUGLAS	GA	31533
001594	SPELMAN COLLEGE	ATLANTA	GA	30314
001595	TIFT COLLEGE	FORSYTH	GA	31029
001597	TRUETT MCCONNELL COLLEGE	CLEVELAND	GA	30528
001598	GEORGIA,UNIVERSITY OF	ATHENS	GA	30602
001599	VALDOSTA STATE COLLEGE	VALDOSTA	GA	31698
001601	WEST GEORGIA COLLEGE	CARROLLTON	GA	30118
001602	GEORGIA COLLEGE	MILLEDGEVILLE	GA	31061
001606	BRIGHAM YOUNG U-HAWA CAM	LAIE OAHU	HI	96762
001610	HAWAII AT MANOA,U OF	HONOLULU	HI	96822
001612	HAWAII HONOLULU CC,U OF	HONOLULU	HI	96817
001613	HAWAII KAPIOLANI CC,U OF	HONOLULU	HI	96814
001616	BOISE STATE UNIVERSITY	BOISE	ID	83725
001619	SOUTHERN IDAHO,COLLEGE OF	TWIN FALLS	ID	83301
001620	IDAHO STATE UNIVERSITY	POCATELLO	ID	83209
001625	RICKS COLLEGE	REXBURG	ID	83440
001626	IDAHO,UNIVERSITY OF	MOSCOW	ID	83843
001633	AUGUSTANA COLLEGE	ROCK ISLAND	IL	61201
001634	AURORA COLLEGE	AURORA	IL	60507
001635	BARAT COLLEGE	LAKE FOREST	IL	60045
001636	BELLEVILLE AREA COLLEGE	BELLEVILLE	IL	62221
001638	BLACK HAWK C QUAD-CITIES	MOLINE	IL	61265
001639	BLACKBURN COLLEGE	CARLINVILLE	IL	62626
001640	PRAIRIE STATE COLLEGE	CHICAGO HTS	IL	60411
001641	BRADLEY UNIVERSITY	PEORIA	IL	61625
001644	CENTRAL YMCA CMTY COLLEGE	CHICAGO	IL	60606
001648	CITY C CHGO TRUMAN C	CHICAGO	IL	60640
001649	CITY C CHGO R J DALEY C	CHICAGO	IL	60652
001650	CITY C CHGO MALCOLM X C	CHICAGO	IL	60612
001652	CITY C CHGO LOOP C	CHICAGO	IL	60601
001654	CITY C CHGO KENNEDY-KING	CHICAGO	IL	60621
001655	CITY C CHGO WRIGHT C	CHICAGO	IL	60634
001664	SAINT FRANCIS,COLLEGE OF	JOLIET	IL	60435
001665	COLUMBIA COLLEGE	CHICAGO	IL	60605
001666	CONCORDIA COLLEGE	RIVER FOREST	IL	60305
001669	DANVILLE AREA CMTY C	DANVILLE	IL	61832
001671	DEPAUL UNIVERSITY	CHICAGO	IL	60604
001672	DEVRY INST OF TECHNOLOGY	CHICAGO	IL	60618
001674	EASTERN ILL UNIVERSITY	CHARLESTON	IL	61920
001676	ELMHURST COLLEGE	ELMHURST	IL	60126
001678	EUREKA COLLEGE	EUREKA	IL	61530
001680	FELICIAN COLLEGE	CHICAGO	IL	60659
001683	GEORGE WILLIAMS COLLEGE	DOWNERS GROVE	IL	60515
001684	GREENVILLE COLLEGE	GREENVILLE	IL	62246
001688	ILLINOIS COLLEGE	JACKSONVILLE	IL	62650
001689	ILL COLLEGE OF OPTOMETRY	CHICAGO	IL	60616
001691	ILLINOIS INST TECHNOLOGY	CHICAGO	IL	60616

FICE	SCHOOL	CITY	ST	ZIP
001692	ILLINOIS STATE UNIVERSITY	NORMAL	IL	61761
001693	NORTHEASTERN ILL U	CHICAGO	IL	60625
001694	CHICAGO STATE UNIVERSITY	CHICAGO	IL	60628
001696	ILL WESLEYAN UNIVERSITY	BLOOMINGTON	IL	61701
001698	JOHN MARSHALL LAW SCHOOL	CHICAGO	IL	60604
001699	JOLIET JUNIOR COLLEGE	JOLIET	IL	60436
001700	JUDSON COLLEGE	ELGIN	IL	60120
001701	KASKASKIA COLLEGE	CENTRALIA	IL	62801
001703	KENDALL COLLEGE	EVANSTON	IL	60201
001704	KNOX COLLEGE	GALESBURG	IL	61401
001705	ILLINOIS VLY CMTY COLLEGE	OGLESBY	IL	61348
001706	LAKE FOREST COLLEGE	LAKE FOREST	IL	60045
001707	LEWIS UNIVERSITY	ROMEOVILLE	IL	60441
001710	LOYOLA U OF CHICAGO	CHICAGO	IL	60611
001717	MACMURRAY COLLEGE	JACKSONVILLE	IL	62650
001718	MALLINCKRODT COLLEGE	WILMETTE	IL	60091
001721	MCCORMICK THEOLOGICAL SEM	CHICAGO	IL	60637
001724	MILLIKIN UNIVERSITY	DECATUR	IL	62522
001725	MONMOUTH COLLEGE	MONMOUTH	IL	61462
001727	MOODY BIBLE INSTITUTE	CHICAGO	IL	60610
001731	MUNDELEIN COLLEGE	CHICAGO	IL	60660
001733	NATIONAL C ED MAIN CAM	EVANSTON	IL	60201
001734	NORTH CENTRAL COLLEGE	NAPERVILLE	IL	60566
001735	NORTH PARK C & THEOL SEM	CHICAGO	IL	60625
001737	NORTHERN ILL UNIVERSITY	DE KALB	IL	60115
001739	NORTHWESTERN UNIVERSITY	EVANSTON	IL	60201
001741	OLIVET NAZARENE COLLEGE	KANKAKEE	IL	60901
001743	NATIONAL C ED URBAN CAM	CHICAGO	IL	60603
001745	QUINCY COLLEGE	QUINCY	IL	62301
001747	ROCK VALLEY COLLEGE	ROCKFORD	IL	61101
001749	ROOSEVELT UNIVERSITY	CHICAGO	IL	60605
001750	ROSARY COLLEGE	RIVER FOREST	IL	60305
001752	SAUK VALLEY COLLEGE	DIXON	IL	61021
001753	SCHOOL OF THE ART INST CHGO	CHICAGO	IL	60603
001758	SOUTHERN ILL U CARBONDALE	CARBONDALE	IL	62901
001759	SOUTHERN ILL U EDWARDSVILLE	EDWARDSVILLE	IL	62026
001761	SPRINGFLD COLLEGE IN ILL	SPRINGFIELD	IL	62702
001768	SAINT XAVIER COLLEGE	CHICAGO	IL	60655
001769	THORNTON CMTY COLLEGE	SOUTH HOLLAND	IL	60473
001771	TRINITY CHRISTIAN COLLEGE	PALOS HEIGHTS	IL	60463
001772	TRINITY COLLEGE	DEERFIELD	IL	60015
001773	TRITON COLLEGE	RIVER GROVE	IL	60171
001774	CHICAGO,UNIVERSITY OF	CHICAGO	IL	60637
001775	ILL URBANA CAMPUS,U OF	URBANA	IL	61801
001776	ILL CHICAGO CIRCLE,U OF	CHICAGO	IL	60680
001779	ILL ESTN CC WABASH VLY C	MOUNT CARMEL	IL	62863
001780	WESTERN ILL UNIVERSITY	MACOMB	IL	61455
001781	WHEATON COLLEGE	WHEATON	IL	60187
001784	ANCILLA DOMINI COLLEGE	DONALDSON	IN	46513
001785	ANDERSON COLLEGE	ANDERSON	IN	46011
001786	BALL STATE UNIVERSITY	MUNCIE	IN	47306
001787	BETHEL COLLEGE	MISHAWAKA	IN	46544

FICE	SCHOOL	CITY	ST	ZIP
001788	BUTLER UNIVERSITY	INDIANAPOLIS	IN	46208
001792	DEPAUW UNIVERSITY	GREENCASTLE	IN	46135
001793	EARLHAM COLLEGE	RICHMOND	IN	47374
001795	EVANSVILLE,UNIVERSITY OF	EVANSVILLE	IN	47702
001800	GRACE COLLEGE	WINONA LAKE	IN	46590
001801	HANOVER COLLEGE	HANOVER	IN	47243
001804	INDIANA CEN UNIVERSITY	INDIANAPOLIS	IN	46227
001805	INDIANA INST TECHNOLOGY	FORT WAYNE	IN	46803
001809	INDIANA U BLOOMINGTON	BLOOMINGTON	IN	47405
001811	INDIANA UNIVERSITY EAST	RICHMOND	IN	47374
001812	IND-PURDUE U FORT WAYNE	FORT WAYNE	IN	46805
001813	IND-PURDUE U INDIANAPOLIS	INDIANAPOLIS	IN	46202
001815	INDIANA U NORTHWEST	GARY	IN	46408
001816	INDIANA U AT SOUTH BEND	SOUTH BEND	IN	46615
001817	INDIANA U SOUTHEAST	NEW ALBANY	IN	47150
001820	MANCHESTER COLLEGE	N MANCHESTER	IN	46962
001821	MARIAN COLLEGE	INDIANAPOLIS	IN	46222
001822	MARION COLLEGE	MARION	IN	46952
001824	OAKLAND CITY COLLEGE	OAKLAND CITY	IN	47660
001825	PURDUE U MAIN CAMPUS	W LAFAYETTE	IN	47907
001826	PURDUE U NORTH CEN CAMPUS	WESTVILLE	IN	46391
001827	PURDUE U CALUMET	HAMMOND	IN	46323
001834	CALUMET COLLEGE	WHITING	IN	46394
001836	SAINT MARY'S COLLEGE	NOTRE DAME	IN	46556
001838	TAYLOR UNIVERSITY	UPLAND	IN	46989
001839	TRI-STATE UNIVERSITY	ANGOLA	IN	46703
001840	NOTRE DAME,UNIVERSITY OF	NOTRE DAME	IN	46556
001842	VALPARAISO UNIVERSITY	VALPARAISO	IN	46383
001843	VINCENNES UNIVERSITY	VINCENNES	IN	47591
001846	BRIAR CLIFF COLLEGE	SIOUX CITY	IA	51104
001847	BUENA VISTA COLLEGE	STORM LAKE	IA	50588
001850	CENTRAL U OF IOWA	PELLA	IA	50219
001852	CLARKE COLLEGE	DUBUQUE	IA	52001
001853	CLINTON COMMUNITY COLLEGE	CLINTON	IA	52732
001854	COE COLLEGE	CEDAR RAPIDS	IA	52402
001856	CORNELL COLLEGE	MOUNT VERNON	IA	52314
001859	DORDT COLLEGE	SIOUX CENTER	IA	51250
001860	DRAKE UNIVERSITY	DES MOINES	IA	50311
001862	ELLSWORTH CMTY COLLEGE	IOWA FALLS	IA	50126
001864	IOWA LAKES CC	ESTHERVILLE	IA	51334
001865	IOWA CENTRAL CC	FORT DODGE	IA	50501
001866	GRACELAND COLLEGE	LAMONI	IA	50140
001867	GRAND VIEW COLLEGE	DES MOINES	IA	50316
001868	GRINNELL COLLEGE	GRINNELL	IA	50112
001869	IOWA STATE U	AMES	IA	50011
001873	LORAS COLLEGE	DUBUQUE	IA	52001
001874	LUTHER COLLEGE	DECORAH	IA	52101
001875	MARSHALLTWN CMTY COLLEGE	MARSHALLTOWN	IA	50158
001876	MARYCREST COLLEGE	DAVENPORT	IA	52804
001877	NORTH IOWA AREA CC	MASON CITY	IA	50401
001879	MORNINGSIDE COLLEGE	SIOUX CITY	IA	51106
001880	MOUNT MERCY COLLEGE	CEDAR RAPIDS	IA	52402

FICE	SCHOOL	CITY	ST	ZIP
001887	SIMPSON COLLEGE	INDIANOLA	IA	50125
001889	SAINT AMBROSE COLLEGE	DAVENPORT	IA	52803
001890	NORTHERN IOWA,U OF	CEDAR FALLS	IA	50613
001892	IOWA,UNIVERSITY OF	IOWA CITY	IA	52242
001896	WARTBURG COLLEGE	WAVERLY	IA	50677
001899	WESTMAR COLLEGE	LE MARS	IA	51031
001900	WILLIAM PENN COLLEGE	OSKALOOSA	IA	52577
001903	BAKER UNIVERSITY	BALDWIN CITY	KS	66006
001908	CENTRAL COLLEGE	MCPHERSON	KS	67460
001910	COFFEYVL CMTY COLLEGE	COFFEYVILLE	KS	67337
001911	COLBY COMMUNITY COLLEGE	COLBY	KS	67701
001913	DODGE CTY CMTY COLLEGE	DODGE CITY	KS	67801
001914	DONNELLY COLLEGE	KANSAS CITY	KS	66102
001915	FORT HAYS ST UNIVERSITY	HAYS	KS	67601
001918	FRIENDS UNIVERSITY	WICHITA	KS	67213
001919	GARDEN CITY COMMUNITY C	GARDEN CITY	KS	67846
001920	HESSTON COLLEGE	HESSTON	KS	67062
001923	HUTCHINSN CMTY COLLEGE	HUTCHINSON	KS	67501
001925	KANSAS CITY KANS CMTY C	KANSAS CITY	KS	66112
001926	PITTSBURG ST UNIVERSITY	PITTSBURG	KS	66762
001927	EMPORIA STATE UNIVERSITY	EMPORIA	KS	66801
001928	KANSAS ST U AGR & APP SCI	MANHATTAN	KS	66506
001933	MCPHERSON COLLEGE	MCPHERSON	KS	67460
001937	OTTAWA UNIVERSITY	OTTAWA	KS	66067
001938	PRATT CMTY COLLEGE	PRATT	KS	67124
001945	STERLING COLLEGE	STERLING	KS	67579
001948	KANSAS MAIN CAMPUS,U OF	LAWRENCE	KS	66045
001949	WASHBURN U OF TOPEKA	TOPEKA	KS	66621
001951	ALICE LLOYD COLLEGE	PIPPA PASSES	KY	41844
001963	EASTERN KY UNIVERSITY	RICHMOND	KY	40475
001968	KENTUCKY STATE UNIVERSITY	FRANKFORT	KY	40601
001970	LEES JUNIOR COLLEGE	JACKSON	KY	41339
001976	MOREHEAD STATE UNIVERSITY	MOREHEAD	KY	40351
001977	MURRAY STATE UNIVERSITY	MURRAY	KY	42071
001989	KENTUCKY,UNIVERSITY OF	LEXINGTON	KY	40506
001999	LOUISVILLE,UNIVERSITY OF	LOUISVILLE	KY	40292
002002	WESTERN KY UNIVERSITY	BOWLING GREEN	KY	42101
002004	DILLARD UNIVERSITY	NEW ORLEANS	LA	70122
002005	NICHOLLS STATE UNIVERSITY	THIBODAUX	LA	70310
002006	GRAMBLING STATE U	GRAMBLING	LA	71245
002007	LOUISIANA COLLEGE	PINEVILLE	LA	71360
002008	LOUISIANA TECH UNIVERSITY	RUSTON	LA	71272
002009	LOUISIANA ST U SYS OFFICE	BATON ROUGE	LA	70803
002010	LOUISIANA ST U AND A & M C	BATON ROUGE	LA	70803
002012	LOUISIANA ST U EUNICE	EUNICE	LA	70535
002013	LOUISIANA ST U SHREVEPORT	SHREVEPORT	LA	71115
002015	NEW ORLEANS,UNIVERSITY OF	NEW ORLEANS	LA	70148
002016	LOYOLA U IN NEW ORLEANS	NEW ORLEANS	LA	70118
002017	MCNEESE STATE UNIVERSITY	LAKE CHARLES	LA	70605
002020	NORTHEAST LOUISIANA U	MONROE	LA	71209
002021	NORTHWESTERN ST U OF LA	NATCHITOCHES	LA	71457
002024	SOUTHEASTERN LA U	HAMMOND	LA	70402

FICE	SCHOOL	CITY	ST	ZIP
002026	SOUTHERN U IN NEW ORLEANS	NEW ORLEANS	LA	70126
002029	TULANE U OF LOUISIANA	NEW ORLEANS	LA	70118
002031	SOUTHWESTERN LA, U OF	LAFAYETTE	LA	70504
002032	XAVIER UNIVERSITY OF LA	NEW ORLEANS	LA	70125
002036	BATES COLLEGE	LEWISTON	ME	04240
002038	BOWDOIN COLLEGE	BRUNSWICK	ME	04011
002039	COLBY COLLEGE	WATERVILLE	ME	04901
002040	MAINE AT FARMINGTON,U OF	FARMINGTON	ME	04938
002041	MAINE AT FORT KENT,U OF	FORT KENT	ME	04743
002043	HUSSON COLLEGE	BANGOR	ME	04401
002044	MAINE MARITIME ACADEMY	CASTINE	ME	04421
002050	NEW ENGLAND, U OF	BIDDEFORD	ME	04005
002051	SAINT JOSEPH'S COLLEGE	NORTH WINDHAM	ME	04062
002052	THOMAS COLLEGE	WATERVILLE	ME	04901
002053	MAINE AT ORONO,U OF	ORONO	ME	04473
002055	MAINE AT MACHIAS,U OF	MACHIAS	ME	04654
002057	ALLEGANY CMTY COLLEGE	CUMBERLAND	MD	21502
002058	ANNE ARUNDEL CMTY COLLEGE	ARNOLD	MD	21012
002061	BALTIMORE,CMTY COLLEGE OF	BALTIMORE	MD	21215
002062	BOWIE STATE COLLEGE	BOWIE	MD	20715
002063	CATONSVILLE CMTY COLLEGE	CATONSVILLE	MD	21228
002064	CHARLES CO CMTY COLLEGE	LA PLATA	MD	20646
002065	NOTRE DAME MD,COLLEGE OF	BALTIMORE	MD	21210
002068	COPPIN STATE COLLEGE	BALTIMORE	MD	21216
002070	ESSEX COMMUNITY COLLEGE	BALTIMORE	MD	21237
002072	FROSTBURG STATE COLLEGE	FROSTBURG	MD	21532
002073	GOUCHER COLLEGE	TOWSON	MD	21204
002074	HAGERSTOWN JUNIOR COLLEGE	HAGERSTOWN	MD	21740
002075	HARFORD COMMUNITY COLLEGE	BEL AIR	MD	21014
002076	HOOD COLLEGE	FREDERICK	MD	21701
002078	LOYOLA COLLEGE	BALTIMORE	MD	21210
002081	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	MD	20912
002082	MONTGOMERY C ROCKVILLE	ROCKVILLE	MD	20850
002083	MORGAN STATE UNIVERSITY	BALTIMORE	MD	21239
002086	MOUNT SNT MARY'S COLLEGE	EMMITSBURG	MD	21727
002088	PEABODY INST OF JHU	BALTIMORE	MD	21202
002089	PRINCE GEORGES CC	LARGO	MD	20772
002091	SALISBURY STATE COLLEGE	SALISBURY	MD	21801
002095	SAINT MARY'S C OF MD	ST MARYS CY	MD	20686
002099	TOWSON STATE UNIVERSITY	BALTIMORE	MD	21204
002101	US NAVAL ACADEMY	ANNAPOLIS	MD	21402
002103	MARYLAND COLLEGE PARK CAM, U OF	COLLEGE PARK	MD	20742
002105	MARYLAND BALT CO CAM, U OF	CATONSVILLE	MD	21228
002106	MARYLAND EASTERN SHORE, U OF	PRINCESS ANNE	MD	21853
002108	WASHINGTON COLLEGE	CHESTERTOWN	MD	21620
002114	AMERICAN INTRNATL COLLEGE	SPRINGFIELD	MA	01109
002115	AMHERST COLLEGE	AMHERST	MA	01002
002120	MERRIMACK COLLEGE	NORTH ANDOVER	MA	01845
002121	BABSON COLLEGE	BABSON PARK	MA	02157
002122	BAY PATH JUNIOR COLLEGE	LONGMEADOW	MA	01106
002123	BECKER JC	WORCESTER	MA	01609
002126	BERKLEE COLLEGE OF MUSIC	BOSTON	MA	02215

FICE	SCHOOL	CITY	ST	ZIP
002128	BOSTON COLLEGE	CHESTNUT HILL	MA	02167
002129	BOSTON CONSV OF MUSIC	BOSTON	MA	02215
002130	BOSTON UNIVERSITY	BOSTON	MA	02215
002138	CHAMBERLAYNE JR COLLEGE	BOSTON	MA	02116
002139	CLARK UNIVERSITY	WORCESTER	MA	01610
002141	HOLY CROSS,COLLEGE OF THE	WORCESTER	MA	01610
002143	CURRY COLLEGE	MILTON	MA	02186
002145	EASTERN NAZARENE COLLEGE	WOLLASTON	MA	02170
002146	EMERSON COLLEGE	BOSTON	MA	02116
002147	EMMANUEL COLLEGE	BOSTON	MA	02115
002148	ENDICOTT COLLEGE	BEVERLY	MA	01915
002154	HELLENIC C-HOLY CROSS SCH	BROOKLINE	MA	02146
002155	HARVARD UNIVERSITY	CAMBRIDGE	MA	02138
002158	LASELL JUNIOR COLLEGE	NEWTON	MA	02166
002161	LOWELL,UNIVERSITY OF	LOWELL	MA	01854
002167	BERKSHIRE CMTY COLLEGE	PITTSFIELD	MA	01201
002168	CAPE COD CMTY COLLEGE	W BARNSTABLE	MA	02668
002169	GREENFIELD CMTY COLLEGE	GREENFIELD	MA	01301
002170	HOLYOKE COMMUNITY COLLEGE	HOLYOKE	MA	01040
002171	MASS BAY CMTY COLLEGE	WELLESLEY	MA	02181
002173	NORTH SHORE CMTY COLLEGE	BEVERLY	MA	01915
002174	NORTHERN ESSEX C C	HAVERHILL	MA	01830
002176	BRISTOL COMMUNITY COLLEGE	FALL RIVER	MA	02720
002177	MASSASOIT CMTY COLLEGE	BROCKTON	MA	02402
002178	MASS INST OF TECHNOLOGY	CAMBRIDGE	MA	02139
002181	MASS MARITIME ACADEMY	BUZZARDS BAY	MA	02532
002183	BRIDGEWATER STATE COLLEGE	BRIDGEWATER	MA	02324
002185	FRAMINGHAM STATE COLLEGE	FRAMINGHAM	MA	01701
002187	NORTH ADAMS STATE COLLEGE	NORTH ADAMS	MA	01247
002190	WORCESTER STATE COLLEGE	WORCESTER	MA	01602
002192	MOUNT HOLYOKE COLLEGE	SOUTH HADLEY	MA	01075
002193	MOUNT IDA JUNIOR COLLEGE	NEWTON CENTRE	MA	02159
002194	NEW ENG CONSV OF MUSIC	BOSTON	MA	02115
002197	NICHOLS COLLEGE	DUDLEY	MA	01570
002199	NORTHEASTERN UNIVERSITY	BOSTON	MA	02115
002206	REGIS COLLEGE	WESTON	MA	02193
002208	SIMMONS COLLEGE	BOSTON	MA	02115
002209	SMITH COLLEGE	NORTHAMPTON	MA	01063
002210	SOUTHEASTERN MASS U	N DARTMOUTH	MA	02747
002211	SPRINGFIELD COLLEGE	SPRINGFIELD	MA	01109
002214	SAINT JOHN'S SEMINARY	BRIGHTON	MA	02135
002217	STONEHILL COLLEGE	NORTH EASTON	MA	02356
002218	SUFFOLK UNIVERSITY	BOSTON	MA	02108
002219	TUFTS UNIVERSITY	MEDFORD	MA	02155
002221	MASS AMHERST CAMPUS,U OF	AMHERST	MA	01003
002222	MASS BOSTON CAMPUS, U OF	BOSTON	MA	02116
002224	WELLESLEY COLLEGE	WELLESLEY	MA	02181
002226	WESTERN NEW ENG COLLEGE	SPRINGFIELD	MA	01119
002227	WHEATON COLLEGE	NORTON	MA	02766
002229	WILLIAMS COLLEGE	WILLIAMSTOWN	MA	01267
002233	WORCESTER POLY INSTITUTE	WORCESTER	MA	01609
002234	ADRIAN COLLEGE	ADRIAN	MI	49221

FICE	SCHOOL	CITY	ST	ZIP
002235	ALBION COLLEGE	ALBION	MI	49224
002236	ALMA COLLEGE	ALMA	MI	48801
002238	ANDREWS UNIVERSITY	BERRIEN SPG	MI	49104
002239	AQUINAS COLLEGE	GRAND RAPIDS	MI	49506
002241	CALVIN COLLEGE	GRAND RAPIDS	MI	49506
002243	CENTRAL MICH UNIVERSITY	MT PLEASANT	MI	48859
002247	CONCORDIA COLLEGE	ANN ARBOR	MI	48105
002249	DAVENPORT COLLEGE OF BUS	GRAND RAPIDS	MI	49503
002251	DELTA COLLEGE	UNIV CTR	MI	48710
002252	WILLIAM TYNDALE COLLEGE	FARMINGTN HLS	MI	48018
002253	DETROIT C OF BUS ADMIN	DEARBORN	MI	48126
002259	EASTERN MICH UNIVERSITY	YPSILANTI	MI	48197
002260	FERRIS STATE COLLEGE	BIG RAPIDS	MI	49307
002261	MOTT, CHARLES C C	FLINT	MI	48503
002262	GENERAL MOTORS INSTITUTE	FLINT	MI	48502
002266	GRAND RAPIDS BAPT C	GRAND RAPIDS	MI	49505
002267	GRAND RAPIDS JR COLLEGE	GRAND RAPIDS	MI	49503
002268	GRAND VALLEY ST COLLEGES	ALLENDALE	MI	49401
002270	HENRY FORD CMTY COLLEGE	DEARBORN	MI	48128
002272	HILLSDALE COLLEGE	HILLSDALE	MI	49242
002274	JACKSON COMMUNITY COLLEGE	JACKSON	MI	49201
002275	KALAMAZOO COLLEGE	KALAMAZOO	MI	49007
002276	KELLOGG COMMUNITY COLLEGE	BATTLE CREEK	MI	49016
002278	LANSING COMMUNITY COLLEGE	LANSING	MI	48901
002279	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	MI	48075
002282	MADONNA COLLEGE	LIVONIA	MI	48150
002286	MERCY COLLEGE OF DETROIT	DETROIT	MI	48219
002288	MICH CHRISTIAN COLLEGE	ROCHESTER	MI	48063
002290	MICHIGAN STATE UNIVERSITY	EAST LANSING	MI	48824
002292	MICHIGAN TECHNOLOGICAL U	HOUGHTON	MI	49931
002296	MUSKEGON BUSINESS COLLEGE	MUSKEGON	MI	49442
002297	MUSKEGON CMTY COLLEGE	MUSKEGON	MI	49442
002301	NORTHERN MICH UNIVERSITY	MARQUETTE	MI	49855
002302	NORTHWESTERN MICH COLLEGE	TRAVERSE CITY	MI	49684
002307	OAKLAND UNIVERSITY	ROCHESTER	MI	48063
002308	OLIVET COLLEGE	OLIVET	MI	49076
002310	SAINT CLAIR CO C C	PORT HURON	MI	48060
002311	REFORMED BIBLE COLLEGE	GRAND RAPIDS	MI	49506
002313	SACRED HEART SEMINARY C	DETROIT	MI	48206
002314	SAGINAW VLY STATE COLLEGE	UNIV CTR	MI	48710
002315	SCHOOLCRAFT COLLEGE	LIVONIA	MI	48152
002317	SOUTHWESTERN MICH COLLEGE	DOWAGIAC	MI	49047
002318	SPRING ARBOR COLLEGE	SPRING ARBOR	MI	49283
002323	DETROIT,UNIVERSITY OF	DETROIT	MI	48221
002325	MICHIGAN CEN OFFICE,U OF	ANN ARBOR	MI	48109
002326	MICHIGAN-DEARBORN,U OF	DEARBORN	MI	48128
002327	MICHIGAN-FLINT,U OF	FLINT	MI	48503
002329	WAYNE STATE UNIVERSITY	DETROIT	MI	48202
002330	WESTERN MICH UNIVERSITY	KALAMAZOO	MI	49008
002332	ANOKA-RAMSEY CMTY COLLEGE	COON RAPIDS	MN	55433
002334	AUGSBURG COLLEGE	MINNEAPOLIS	MN	55454
002336	BEMIDJI STATE U	BEMIDJI	MN	56601

FICE	SCHOOL	CITY	ST	ZIP
002337	BETHANY LUTHERAN COLLEGE	MANKATO	MN	56001
002339	BRAINERD CMTY COLLEGE	BRAINERD	MN	56401
002340	CARLETON COLLEGE	NORTHFIELD	MN	55057
002341	SAINT BENEDICT,COLLEGE OF	SAINT JOSEPH	MN	56374
002342	SAINT CATHERINE, C OF	SAINT PAUL	MN	55105
002345	SAINT THOMAS,COLLEGE OF	SAINT PAUL	MN	55105
002346	CONCORDIA C	MOORHEAD	MN	56560
002347	CONCORDIA C-SAINT PAUL	SAINT PAUL	MN	55104
002353	GUSTAVUS ADOLPHUS COLLEGE	SAINT PETER	MN	56082
002360	MANKATO STATE UNIVERSITY	MANKATO	MN	56001
002362	MINNEAPOLIS CMTY COLLEGE	MINNEAPOLIS	MN	55403
002365	MINNEAPOLIS COLLEGE OF ART & DESIGN	MINNEAPOLIS	MN	55404
002367	MOORHEAD STATE UNIVERSITY	MOORHEAD	MN	56560
002369	NORTH CEN BIBLE COLLEGE	MINNEAPOLIS	MN	55404
002370	NORTH HENNEPIN C C	BROOKLYN PARK	MN	55445
002371	NORTHWESTERN COLLEGE	ROSEVILLE	MN	55113
002373	ROCHESTER CMTY COLLEGE	ROCHESTER	MN	55901
002377	SAINT CLOUD ST UNIVERSITY	SAINT CLOUD	MN	56301
002379	SAINT JOHN'S UNIVERSITY	COLLEGEVILLE	MN	56321
002380	SAINT MARY'S COLLEGE	WINONA	MN	55987
002382	SAINT OLAF COLLEGE	NORTHFIELD	MN	55057
002383	SAINT PAUL BIBLE COLLEGE	BIBLE COLLEGE	MN	55375
002387	MINNESOTA CEN OFFICE,U OF	MINNEAPOLIS	MN	55455
002388	MINNESOTA DULUTH,U OF	DULUTH	MN	55812
002394	WINONA STATE UNIVERSITY	WINONA	MN	55987
002396	ALCORN STATE UNIVERSITY	LORMAN	MS	39096
002398	BLUE MOUNTAIN COLLEGE	BLUE MOUNTAIN	MS	38610
002402	COPIAH-LINCOLN JR COLLEGE	WESSON	MS	39191
002407	HINDS JUNIOR COLLEGE	RAYMOND	MS	39154
002410	JACKSON STATE UNIVERSITY	JACKSON	MS	39217
002411	JONES CO JUNIOR COLLEGE	ELLISVILLE	MS	39437
002413	MERIDIAN JUNIOR COLLEGE	MERIDIAN	MS	39301
002414	MILLSAPS COLLEGE	JACKSON	MS	39210
002415	MISSISSIPPI COLLEGE	CLINTON	MS	39058
002418	MISS GULF CST JC JACKSON	GAUTIER	MS	39553
002423	MISSISSIPPI ST UNIVERSITY	MISS STATE	MS	39762
002424	MISS VLY ST UNIVERSITY	ITTA BENA	MS	38941
002426	NORTHEAST MISS JR COLLEGE	BOONEVILLE	MS	38829
002427	NORTHWEST MISS JR COLLEGE	SENATOBIA	MS	38668
002430	PEARL RIVER JR COLLEGE	POPLARVILLE	MS	39470
002433	RUST COLLEGE	HOLLY SPRINGS	MS	38635
002439	TOUGALOO COLLEGE	TOUGALOO	MS	39174
002440	MISSISSIPPI MAIN CAM,U OF	UNIVERSITY	MS	38677
002441	SOUTHERN MISSISSIPPI,U OF	HATTIESBURG	MS	39406
002445	UTICA JUNIOR COLLEGE	UTICA	MS	39175
002448	WOOD JUNIOR COLLEGE	MATHISTON	MS	39752
002449	AVILA COLLEGE	KANSAS CITY	MO	64145
002450	CALVARY BIBLE COLLEGE	KANSAS CITY	MO	64147
002454	CENTRAL MO ST UNIVERSITY	WARRENSBURG	MO	64093
002458	COTTEY COLLEGE	NEVADA	MO	64772
002463	EVANGEL COLLEGE	SPRINGFIELD	MO	65802
002464	FONTBONNE COLLEGE	SAINT LOUIS	MO	63105

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FICE	SCHOOL	CITY	ST	ZIP
002470	SAINT LOUIS C C FLORISSANT VALLEY	SAINT LOUIS	MO	63135
002471	SAINT LOUIS C C FOREST PARK	SAINT LOUIS	MO	63110
002472	SAINT LOUIS CC-MERAMEC	KIRKWOOD	MO	63122
002479	LINCOLN UNIVERSITY	JEFFERSON CY	MO	65101
002482	MARYVILLE C-SAINT LOUIS	SAINT LOUIS	MO	63141
002484	PENN VALLEY CMTY COLLEGE	KANSAS CITY	MO	64111
002486	MINERAL AREA COLLEGE	FLAT RIVER	MO	63601
002489	MISSOURI VALLEY COLLEGE	MARSHALL	MO	65340
002490	MISSOURI WSTN ST COLLEGE	SAINT JOSEPH	MO	64507
002491	MOBERLY JUNIOR COLLEGE	MOBERLY	MO	65270
002495	NORTHEAST MO ST U	KIRKSVILLE	MO	63501
002496	NORTHWEST MO ST U	MARYVILLE	MO	64468
002499	ROCKHURST COLLEGE	KANSAS CITY	MO	64110
002500	OZARKS,SCHOOL OF THE	POINT LOOKOUT	MO	65726
002501	SOUTHEAST MO ST U	CPE GIRARDEAU	MO	63701
002502	SOUTHWEST BAPTIST U	BOLIVAR	MO	65613
002503	SOUTHWEST MO ST U	SPRINGFIELD	MO	65802
002504	SAINT LOUIS C OF PHARM	SAINT LOUIS	MO	63110
002506	SAINT LOUIS U MAIN CAMPUS	SAINT LOUIS	MO	63103
002512	STEPHENS COLLEGE	COLUMBIA	MO	65201
002513	TARKIO COLLEGE	TARKIO	MO	64491
002516	MISSOURI-COLUMBIA,U OF	COLUMBIA	MO	65211
002517	MISSOURI-ROLLA,U OF	ROLLA	MO	65401
002518	MISSOURI-KANSAS CITY,U OF	KANSAS CITY	MO	64110
002519	MISSOURI-SAINT LOUIS,U OF	SAINT LOUIS	MO	63121
002520	WASHINGTON UNIVERSITY	SAINT LOUIS	MO	63130
002524	WILLIAM JEWELL COLLEGE	LIBERTY	MO	64068
002525	WILLIAM WOODS COLLEGE	FULTON	MO	65251
002527	GREAT FALLS,COLLEGE OF	GREAT FALLS	MT	59405
002531	MONTANA C MINRL SCI-TECHN	BUTTE	MT	59701
002532	MONTANA STATE UNIVERSITY	BOZEMAN	MT	59717
002536	MONTANA,UNIVERSITY OF	MISSOULA	MT	59812
002537	WESTERN MONTANA COLLEGE	DILLON	MT	59725
002539	CHADRON STATE COLLEGE	CHADRON	NE	69337
002542	CREIGHTON UNIVERSITY	OMAHA	NE	68178
002543	DANA COLLEGE	BLAIR	NE	68008
002547	GRACE C OF THE BIBLE	OMAHA	NE	68108
002548	HASTINGS COLLEGE	HASTINGS	NE	68901
002551	KEARNEY STATE COLLEGE	KEARNEY	NE	68847
002552	MCCOOK COMMUNITY COLLEGE	MCCOOK	NE	69001
002553	MIDLAND LUTHERAN COLLEGE	FREMONT	NE	68025
002554	NEBRASKA AT OMAHA,U OF	OMAHA	NE	68182
002559	PERU STATE COLLEGE	PERU	NE	68421
002565	NEBRASKA-LINCOLN,U OF	LINCOLN	NE	68588
002566	WAYNE STATE COLLEGE	WAYNE	NE	68787
002567	YORK COLLEGE	YORK	NE	68467
002568	NEVADA RENO,U OF	RENO	NV	89557
002569	NEVADA AT LAS VEGAS, U OF	LAS VEGAS	NV	89154
002573	DARTMOUTH COLLEGE	HANOVER	NH	03755
002579	NEW ENGLAND COLLEGE	HENNIKER	NH	03242
002580	NEW HAMPSHIRE COLLEGE	MANCHESTER	NH	03104
002587	SAINT ANSELM COLLEGE	MANCHESTER	NH	03102

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002589	NEW HAMPSHIRE,U OF	DURHAM	NH	03824
002590	NEW HAMPSHIRE KEENE ST C, U OF	KEENE	NH	03431
002591	NEW HAMPSHIRE PLYMOUTH ST C, U OF	PLYMOUTH	NH	03264
002599	CENTENARY COLLEGE	HACKETTSTOWN	NJ	07840
002602	DON BOSCO COLLEGE	NEWTON	NJ	07860
002603	DREW UNIVERSITY	MADISON	NJ	07940
002604	FARLGH DCKSN U RUTHERFD	RUTHERFORD	NJ	07070
002605	FARLGH DCKSN U EDW WMS C	HACKENSACK	NJ	07601
002607	FARLGH DCKSN TEANECK CAM	TEANECK	NJ	07666
002608	GEORGIAN COURT COLLEGE	LAKEWOOD	NJ	08701
002609	GLASSBORO STATE COLLEGE	GLASSBORO	NJ	08028
002610	FELICIAN COLLEGE	LODI	NJ	07644
002613	JERSEY CITY STATE COLLEGE	JERSEY CITY	NJ	07305
002615	MIDDLESEX COUNTY COLLEGE	EDISON	NJ	08818
002616	MONMOUTH COLLEGE	W LONG BRANCH	NJ	07764
002617	MONTCLAIR STATE COLLEGE	UPR MONTCLAIR	NJ	07043
002621	NEW JERSEY INST TECH	NEWARK	NJ	07102
002622	KEAN C OF NEW JERSEY	UNION	NJ	07083
002624	OCEAN COUNTY COLLEGE	TOMS RIVER	NJ	08753
002625	WILLIAM PATERSON COLLEGE	WAYNE	NJ	07470
002627	PRINCETON UNIVERSITY	PRINCETON	NJ	08544
002628	RIDER COLLEGE	LAWRENCEVILLE	NJ	08648
002629	RUTGERS THE ST U CEN OFF	NEW BRUNSWICK	NJ	08903
002631	RUTGERS U NEWARK CAMPUS	NEWARK	NJ	07102
002632	SETON HALL UNIVERSITY	SOUTH ORANGE	NJ	07079
002638	SAINT PETERS COLLEGE	JERSEY CITY	NJ	07306
002639	STEVENS INST TECHNOLOGY	HOBOKEN	NJ	07030
002642	TRENTON STATE COLLEGE	TRENTON	NJ	08625
002643	UNION COLLEGE	CRANFORD	NJ	07016
002646	WESTMINSTER CHOIR COLLEGE	PRINCETON	NJ	08540
002651	EASTERN NM U MAIN CAMPUS	PORTALES	NM	88130
002653	NEW MEXICO HIGHLANDS U	LAS VEGAS	NM	87701
002654	NEW MEXICO INST OF MINING & TECH	SOCORRO	NM	87801
002657	NEW MEXICO ST U MAIN CAM	LAS CRUCES	NM	88003
002661	EASTERN NM U ROSWELL	ROSWELL	NM	88201
002662	ALBUQUERQUE,UNIVERSITY OF	ALBUQUERQUE	NM	87140
002663	NEW MEXICO ALL CAM, U OF	ALBUQUERQUE	NM	87131
002664	WESTERN NM UNIVERSITY	SILVER CITY	NM	88061
002666	ADELPHI UNIVERSITY	GARDEN CITY	NY	11530
002668	ALFRED UNIVERSITY	ALFRED	NY	14802
002670	BAPT BIBLE C-SCH THEOL	CLARKS SUMMIT	PA	18411
002671	BARD COLLEGE	ANNANDLE-HDSN	NY	12504
002681	CANISIUS COLLEGE	BUFFALO	NY	14208
002682	CATHEDRAL C IMMAC CONCEP	DOUGLASTON	NY	11362
002686	CUNY SYS OFFICE	NEW YORK	NY	10021
002687	CUNY BROOKLYN COLLEGE	BROOKLYN	NY	11210
002688	CUNY CITY COLLEGE	NEW YORK	NY	10031
002689	CUNY HUNTER COLLEGE	NEW YORK	NY	10021
002690	CUNY QUEENS COLLEGE	FLUSHING	NY	11367
002691	CUNY BORO OF MANHATTAN CC	NEW YORK	NY	10019
002692	CUNY BRONX CMTY COLLEGE	BRONX	NY	10453
002693	CUNY JOHN JAY C CRIM JUST	NEW YORK	NY	10019

FICE	SCHOOL	CITY	ST	ZIP
002694	CUNY KINGSBOROUGH CC	BROOKLYN	NY	11235
002696	CUNY NYC TECH C	BROOKLYN	NY	11201
002697	CUNY QUEENSBOROUGH CC	NEW YORK	NY	11364
002699	CLARKSON COLLEGE OF TECHN	POTSDAM	NY	13676
002701	COLGATE UNIVERSITY	HAMILTON	NY	13346
002703	MOUNT SAINT VINCENT, C OF	RIVERDALE	NY	10471
002704	NEW ROCHELLE,COLLEGE OF	NEW ROCHELLE	NY	10801
002705	SAINT ROSE,COLLEGE OF	ALBANY	NY	12203
002707	COLUMBIA U MAIN DIVISION	NEW YORK	NY	10027
002708	BARNARD COLLEGE	NEW YORK	NY	10027
002711	CORNEL U ENDOWED COLLEGES	ITHACA	NY	14853
002713	DOMINICAN C OF BLAUVELT	ORANGEBURG	NY	10962
002717	ELIZABETH SETON COLLEGE	YONKERS	NY	10701
002718	ELMIRA COLLEGE	ELMIRA	NY	14901
002722	FORDHAM UNIVERSITY	BRONX	NY	10458
002728	HAMILTON COLLEGE	CLINTON	NY	13323
002729	HARTWICK COLLEGE	ONEONTA	NY	13820
002731	HOBART-WM SMITH COLLEGES	GENEVA	NY	14456
002732	HOFSTRA UNIVERSITY	HEMPSTEAD	NY	11550
002734	HOUGHTON COLLEGE	HOUGHTON	NY	14744
002735	HILBERT COLLEGE	HAMBURG	NY	14075
002737	IONA COLLEGE	NEW ROCHELLE	NY	10801
002739	ITHACA COLLEGE	ITHACA	NY	14850
002742	JUILLIARD SCHOOL,THE	NEW YORK	NY	10023
002748	LE MOYNE COLLEGE	SYRACUSE	NY	13214
002751	LONG IS U CENTRAL OFFICE	GREENVALE	NY	11548
002754	LONG IS U, C W POST CEN	GREENVALE	NY	11548
002758	MANHATTAN COLLEGE	BRONX	NY	10471
002764	MARIA REGINA COLLEGE	SYRACUSE	NY	13208
002765	MARIST COLLEGE	POUGHKEEPSIE	NY	12601
002768	MARYMOUNT COLLEGE	TARRYTOWN	NY	10591
002769	MARYMOUNT MANHATTAN C	NEW YORK	NY	10021
002772	MERCY COLLEGE	DOBBS FERRY	NY	10522
002775	MOLLOY COLLEGE	ROCKVILLE CTR	NY	11570
002778	MOUNT SAINT MARY COLLEGE	NEWBURGH	NY	12550
002780	NEW SCH FOR SOC RESEARCH	NEW YORK	NY	10011
002782	NEW YORK INST TECH NYC CAM	NEW YORK	NY	10023
002783	NEW YORK LAW SCHOOL	NEW YORK	NY	10013
002785	NEW YORK UNIVERSITY	NEW YORK	NY	10276
002788	NIAGARA UNIVERSITY	NIAGARA UNIV	NY	14109
002791	PACE UNIVERSITY NEW YORK	NEW YORK	NY	10038
002792	PACE U PLSNTVL-BRCLF CAM	PLEASANTVILLE	NY	10570
002793	PARSONS SCHOOL OF DESIGN	NEW YORK	NY	10011
002795	PAUL SMITH'S C ARTS & SCI	PAUL SMITHS	NY	12970
002805	ROBERTS WESLEYAN COLLEGE	ROCHESTER	NY	14624
002806	ROCHESTER INST TECHNOLOGY	ROCHESTER	NY	14623
002808	DAEMEN COLLEGE	AMHERST	NY	14226
002810	RUSSELL SAGE C MAIN CAM	TROY	NY	12180
002811	RUSSELL SAGE JC OF ALBANY	ALBANY	NY	12208
002814	SKIDMORE COLLEGE	SARATOGA SPG	NY	12866
002816	SIENA COLLEGE	LOUDONVILLE	NY	12211
002817	SAINT BONAVENTURE U	ST BONVENTURE	NY	14778

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002820	SAINT FRANCIS COLLEGE	BROOKLYN	NY	11201
002821	SAINT JOHN FISHER COLLEGE	ROCHESTER	NY	14618
002823	SAINT JOHN'S UNIVERSITY	JAMAICA	NY	11439
002829	SAINT LAWRENCE UNIVERSITY	CANTON	NY	13617
002835	SUNY AT ALBANY	ALBANY	NY	12222
002836	SUNY AT BINGHAMTON	BINGHAMTON	NY	13901
002837	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14214
002838	SUNY AT STONY BK MAIN CAM	STONY BROOK	NY	11794
002839	SUNY DOWNSTATE MEDL CTR	BROOKLYN	NY	11203
002841	SUNY COLLEGE AT BROCKPORT	BROCKPORT	NY	14420
002842	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14222
002843	SUNY COLLEGE AT CORTLAND	CORTLAND	NY	13045
002844	SUNY COLLEGE AT FREDONIA	FREDONIA	NY	14063
002845	SUNY COLLEGE AT GENESEO	GENESEO	NY	14454
002846	SUNY COLLEGE AT NEW PALTZ	NEW PALTZ	NY	12562
002847	SUNY COLLEGE AT ONEONTA	ONEONTA	NY	13820
002848	SUNY COLLEGE AT OSWEGO	OSWEGO	NY	13126
002849	SUNY COLLEGE PLATTSBURGH	PLATTSBURGH	NY	12901
002850	SUNY COLLEGE AT POTSDAM	POTSDAM	NY	13676
002851	SUNY C ENVRNMTL SCI-FORS	SYRACUSE	NY	13210
002854	SUNY AGRL & TECH C ALFRED	ALFRED	NY	14802
002855	SUNY-CANTON AGRL & TECH COLLEGE	CANTON	NY	13617
002856	SUNY AGRL TECH C COBLESKL	COBLESKILL	NY	12043
002857	SUNY AGRL & TECH C DELHI	DELHI	NY	13753
002858	SUNY AGRL TECH C FARMNGDL	FARMINGDALE	NY	11735
002859	SUNY AGRL TECH C MORRISVL	MORRISVILLE	NY	13408
002862	BROOME COMMUNITY COLLEGE	BINGHAMTON	NY	13902
002863	CORNING COMMUNITY COLLEGE	CORNING	NY	14830
002865	ERIE CC NORTH CAMPUS	WILLIAMSVILLE	NY	14221
002866	FASHION INST TECHNOLOGY	NEW YORK	NY	10001
002867	FULTON-MONTGOMERY CC	JOHNSTOWN	NY	12095
002868	HUDSON VLY CMTY COLLEGE	TROY	NY	12180
002870	JEFFERSON CMTY COLLEGE	WATERTOWN	NY	13601
002871	MOHAWK VLY CMTY COLLEGE	UTICA	NY	13501
002872	MONROE COMMUNITY COLLEGE	ROCHESTER	NY	14623
002873	NASSAU COMMUNITY COLLEGE	GARDEN CITY	NY	11530
002874	NIAGARA CO CMTY COLLEGE	SANBORN	NY	14132
002875	ONONDAGA CMTY COLLEGE	SYRACUSE	NY	13215
002876	ORANGE CO CMTY COLLEGE	MIDDLETOWN	NY	10940
002877	ROCKLAND CMTY COLLEGE	SUFFERN	NY	10901
002878	SUFFOLK CO CC SELDEN CAM	SELDEN	NY	11784
002879	SULLIVAN CO CMTY COLLEGE	LOCH SHELDRAKE	NY	12759
002880	ULSTER CO CMTY COLLEGE	STONE RIDGE	NY	12484
002881	WESTCHESTER CMTY COLLEGE	VALHALLA	NY	10595
002882	SYRACUSE U MAIN CAMPUS	SYRACUSE	NY	13210
002883	UTICA C OF SYRACUSE U	UTICA	NY	13502
002889	UNION COLLEGE	SCHENECTADY	NY	12308
002893	US MILITARY ACADEMY	WEST POINT	NY	10996
002894	ROCHESTER,UNIVERSITY OF	ROCHESTER	NY	14627
002895	VASSAR COLLEGE	POUGHKEEPSIE	NY	12601
002896	VILLA MARIA COLLEGE BFLO	BUFFALO	NY	14225
002899	WAGNER COLLEGE	STATEN ISLAND	NY	10301

FICE	SCHOOL	CITY	ST	ZIP
002901	WELLS COLLEGE	AURORA	NY	13026
002903	YESHIVA UNIVERSITY	NEW YORK	NY	10033
002905	NC AGRL & TECH STATE U	GREENSBORO	NC	27411
002906	APPALACHIAN ST UNIVERSITY	BOONE	NC	28608
002907	NC AT ASHEVILLE,U OF	ASHEVILLE	NC	28814
002908	ATLANTIC CHRISTIAN C	WILSON	NC	27893
002909	BARBER-SCOTIA COLLEGE	CONCORD	NC	28025
002910	BELMONT ABBEY COLLEGE	BELMONT	NC	28012
002911	BENNETT COLLEGE	GREENSBORO	NC	27420
002912	BREVARD COLLEGE	BREVARD	NC	28712
002913	CAMPBELL UNIVERSITY	BUIES CREEK	NC	27506
002915	CENTRAL PIEDMONT C C	CHARLOTTE	NC	28235
002916	CHOWAN COLLEGE	MURFREESBORO	NC	27855
002918	DAVIDSON COLLEGE	DAVIDSON	NC	28036
002919	DAVIDSON CO CMTY COLLEGE	LEXINGTON	NC	27292
002920	DUKE UNIVERSITY	DURHAM	NC	27706
002923	EAST CAROLINA UNIVERSITY	GREENVILLE	NC	27834
002926	ELIZABETH CITY STATE U	ELIZABETH CY	NC	27909
002927	ELON COLLEGE	ELON COLLEGE	NC	27244
002928	FAYETTEVILLE ST U	FAYETTEVILLE	NC	28301
002929	GARDNER-WEBB COLLEGE	BOILING SPG	NC	28017
002931	GUILFORD COLLEGE	GREENSBORO	NC	27410
002936	JOHNSON C SMITH U	CHARLOTTE	NC	28216
002937	KING'S C-CHARLOTTE	CHARLOTTE	NC	28204
002939	LEES-MCRAE COLLEGE	BANNER ELK	NC	28604
002940	LENOIR CMTY COLLEGE	KINSTON	NC	28501
002941	LENOIR-RHYNE COLLEGE	HICKORY	NC	28603
002942	LIVINGSTONE COLLEGE	SALISBURY	NC	28144
002944	MARS HILL COLLEGE	MARS HILL	NC	28754
002945	MEREDITH COLLEGE	RALEIGH	NC	27611
002946	METHODIST COLLEGE	FAYETTEVILLE	NC	28301
002947	MITCHELL CMTY COLLEGE	STATESVILLE	NC	28677
002950	NC CENTRAL UNIVERSITY	DURHAM	NC	27707
002951	NC WESLEYAN COLLEGE	ROCKY MOUNT	NC	27801
002955	PFEIFFER COLLEGE	MISENHEIMER	NC	28109
002956	PIEDMONT BIBLE COLLEGE	WINSTON-SALEM	NC	27101
002959	SACRED HEART COLLEGE	BELMONT	NC	28012
002962	SHAW UNIVERSITY	RALEIGH	NC	27611
002967	SAINT ANDREWS PRESB C	LAURINBURG	NC	28352
002968	SAINT AUGUSTINES COLLEGE	RALEIGH	NC	27611
002970	SURRY COMMUNITY COLLEGE	DOBSON	NC	27017
002971	U NC GEN ADMIN CEN OFFICE	CHAPEL HILL	NC	27514
002972	NC STATE U RALEIGH	RALEIGH	NC	27650
002973	GASTON COLLEGE	DALLAS	NC	28034
002974	NC AT CHAPEL HILL,U OF	CHAPEL HILL	NC	27514
002975	NC AT CHARLOTTE,U OF	CHARLOTTE	NC	28223
002976	NC AT GREENSBORO,U OF	GREENSBORO	NC	27412
002978	WAKE FOREST UNIVERSITY	WINSTON-SALEM	NC	27109
002979	WARREN WILSON COLLEGE	SWANNANOA	NC	28778
002981	WESTERN CAROLINA U	CULLOWHEE	NC	28723
002982	WESTERN PIEDMONT CC	MORGANTON	NC	28655
002983	WILKES COMMUNITY COLLEGE	WILKESBORO	NC	28697

FICE	SCHOOL	CITY	ST	ZIP
002984	NC AT WILMINGTON,U OF	WILMINGTON	NC	28403
002985	WINGATE COLLEGE	WINGATE	NC	28174
002986	WINSTON-SALEM STATE U	WINSTON-SALEM	NC	27102
002988	BISMARCK JUNIOR COLLEGE	BISMARCK	ND	58501
002991	LAKE REGION CMTY COLLEGE	DEVILS LAKE	ND	58301
002994	MINOT STATE COLLEGE	MINOT	ND	58701
002996	ALASKA U SOUTHEASTERN ALL CAM	WAHPETON	ND	58075
002997	ND STATE U CENTRAL OFFICE	FARGO	ND	58105
002998	NORTHWEST BIBLE COLLEGE	MINOT	ND	58701
003005	UNIV OF ND	GRAND FORKS	ND	58202
003008	VALLEY CITY STATE COLLEGE	VALLEY CITY	ND	58072
003012	ASHLAND COLLEGE	ASHLAND	OH	44805
003014	BALDWIN-WALLACE COLLEGE	BEREA	OH	44017
003016	BLUFFTON COLLEGE	BLUFFTON	OH	45817
003018	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	OH	43403
003023	CAPITAL UNIVERSITY	COLUMBUS	OH	43209
003024	CASE WESTERN RESERVE U	CLEVELAND	OH	44106
003025	CEDARVILLE COLLEGE	CEDARVILLE	OH	45314
003026	CENTRAL STATE UNIVERSITY	WILBERFORCE	OH	45384
003029	CINCINNATI BIBLE SEMINARY	CINCINNATI	OH	45204
003032	CLEVELAND ST UNIVERSITY	CLEVELAND	OH	44115
003033	MOUNT SAINT JOS-ON-THE-OHIO C	MT ST JOSEPH	OH	45051
003035	OHIO DOMINICAN COLLEGE	COLUMBUS	OH	43219
003037	WOOSTER,COLLEGE OF	WOOSTER	OH	44691
003039	COLUMBUS C ART AND DESIGN	COLUMBUS	OH	43215
003041	DEFIANCE COLLEGE	DEFIANCE	OH	43512
003042	DENISON UNIVERSITY	GRANVILLE	OH	43023
003043	DYKE COLLEGE	CLEVELAND	OH	44114
003045	FINDLAY COLLEGE	FINDLAY	OH	45840
003046	FRANKLIN UNIVERSITY	COLUMBUS	OH	43215
003049	HIRAM COLLEGE	HIRAM	OH	44234
003050	JOHN CARROLL UNIVERSITY	CLEVELAND	OH	44118
003051	KENT STATE U MAIN CAMPUS	KENT	OH	44242
003054	KENT ST STARK CO REG CAM	NORTH CANTON	OH	44720
003062	KENT ST TUSCARAWS REG CAM	NEW PHILA	OH	44663
003065	KENYON COLLEGE	GAMBIER	OH	43022
003068	LORAIN CO CMTY COLLEGE	ELYRIA	OH	44035
003072	MALONE COLLEGE	CANTON	OH	44709
003073	MARIETTA COLLEGE	MARIETTA	OH	45750
003077	MIAMI UNIVERSITY CEN OFF	OXFORD	OH	45056
003079	MIAMI U HAMILTON CAMPUS	HAMILTON	OH	45011
003080	MIAMI U MIDDLETOWN CAMPUS	MIDDLETOWN	OH	45052
003083	MOUNT UNION COLLEGE	ALLIANCE	OH	44601
003084	MUSKINGUM COLLEGE	NEW CONCORD	OH	43762
003085	NOTRE DAME COLLEGE	CLEVELAND	OH	44121
003086	OBERLIN COLLEGE	OBERLIN	OH	44074
003089	OHIO NORTHERN UNIVERSITY	ADA	OH	45810
003090	OHIO STATE U CENTRAL OFF	COLUMBUS	OH	43210
003092	OHIO STATE U LIMA BR	LIMA	OH	45804
003093	OHIO STATE U MANSFIELD BR	MANSFIELD	OH	44906
003099	OHIO INST OF TECHNOLOGY	COLUMBUS	OH	43209
003100	OHIO U MAIN CAMPUS	ATHENS	OH	45701

FICE	SCHOOL	CITY	ST	ZIP
003102	OHIO U CHILLICOTHE BR	CHILLICOTHE	OH	45601
003108	OHIO U ZANESVILLE BRANCH	ZANESVILLE	OH	43701
003109	OHIO WESLEYAN UNIVERSITY	DELAWARE	OH	43015
003110	OTTERBEIN COLLEGE	WESTERVILLE	OH	43081
003116	RIO GRANDE COLLEGE	RIO GRANDE	OH	45674
003119	SINCLAIR CMTY COLLEGE	DAYTON	OH	45402
003121	TIFFIN UNIVERSITY	TIFFIN	OH	44883
003123	AKRON MAIN CAMPUS,U OF	AKRON	OH	44325
003125	CINCINNATI MAIN CAM,U OF	CINCINNATI	OH	45221
003127	DAYTON,UNIVERSITY OF	DAYTON	OH	45469
003131	TOLEDO,UNIVERSITY OF	TOLEDO	OH	43606
003135	WALSH COLLEGE	CANTON	OH	44720
003141	WILBERFORCE UNIVERSITY	WILBERFORCE	OH	45384
003142	WILMINGTON COLLEGE	WILMINGTON	OH	45177
003143	WITTENBERG UNIVERSITY	SPRINGFIELD	OH	45501
003144	XAVIER UNIVERSITY	CINCINNATI	OH	45207
003145	YOUNGSTOWN ST UNIVERSITY	YOUNGSTOWN	OH	44555
003147	BACONE COLLEGE	MUSKOGEE	OK	74401
003150	CAMERON UNIVERSITY	LAWTON	OK	73505
003151	BARTLESVILLE WESLEYAN C	BARTLESVILLE	OK	74003
003152	CENTRAL STATE UNIVERSITY	EDMOND	OK	73034
003153	CONNORS STATE COLLEGE	WARNER	OK	74469
003154	EAST CENTRAL OKLA STATE U	ADA	OK	74820
003155	EASTERN OKLA ST COLLEGE	WILBURTON	OK	74578
003156	EL RENO JUNIOR COLLEGE	EL RENO	OK	73036
003157	LANGSTON UNIVERSITY	LANGSTON	OK	73050
003158	MURRAY STATE COLLEGE	TISHOMINGO	OK	73460
003160	NORTHEASTERN OKLA A & M C	MIAMI	OK	74354
003161	NORTHEASTERN OKLA STATE U	TAHLEQUAH	OK	74464
003162	NORTHERN OKLAHOMA COLLEGE	TONKAWA	OK	74653
003164	OKLAHOMA BAPT UNIVERSITY	SHAWNEE	OK	74801
003167	SCI & ARTS OF OKLA,U OF	CHICKASHA	OK	73018
003170	OKLA STATE U MAIN CAMPUS	STILLWATER	OK	74074
003171	OKLA STATE U TECH INST	OKLAHOMA CITY	OK	73107
003175	PHILLIPS UNIVERSITY	ENID	OK	73701
003176	CARL ALBERT JR COLLEGE	POTEAU	OK	74953
003178	SEMINOLE JUNIOR COLLEGE	SEMINOLE	OK	74868
003179	SOUTHEASTERN OKLA ST U	DURANT	OK	74701
003181	SOUTHWESTERN OKLA ST U	WEATHERFORD	OK	73096
003183	SAINT GREGORY'S COLLEGE	SHAWNEE	OK	74801
003184	OKLAHOMA NORMAN CAM,U OF	NORMAN	OK	73019
003185	TULSA,UNIVERSITY OF	TULSA	OK	74104
003190	COLUMBIA CHRISTIAN C	PORTLAND	OR	97220
003193	EASTERN OREGON ST COLLEGE	LA GRANDE	OR	97850
003194	GEORGE FOX COLLEGE	NEWBERG	OR	97132
003197	LEWIS AND CLARK COLLEGE	PORTLAND	OR	97219
003199	MARYLHURST C LEARNING	MARYLHURST	OR	97036
003204	MOUNT HOOD CMTY COLLEGE	GRESHAM	OR	97030
003206	MULTNOMAH SCHOOL OF BIBLE	PORTLAND	OR	97220
003209	WESTERN OREGON ST C	MONMOUTH	OR	97361
003210	OREGON STATE UNIVERSITY	CORVALLIS	OR	97331
003212	PACIFIC UNIVERSITY	FOREST GROVE	OR	97116

FICE	SCHOOL	CITY	ST	ZIP
003213	PORTLAND CMTY COLLEGE	PORTLAND	OR	97219
003216	PORTLAND STATE UNIVERSITY	PORTLAND	OR	97207
003217	REED COLLEGE	PORTLAND	OR	97202
003219	SOUTHERN OREGON ST C	ASHLAND	OR	97520
003221	TREASURE VLY CMTY COLLEGE	ONTARIO	OR	97914
003222	UMPQUA COMMUNITY COLLEGE	ROSEBURG	OR	97470
003223	OREGON MAIN CAMPUS,U OF	EUGENE	OR	97403
003227	WILLAMETTE UNIVERSITY	SALEM	OR	97301
003230	ALLEGHENY COLLEGE	MEADVILLE	PA	16335
003231	ALLEGHENY CO CEN OFF,CC	PITTSBURGH	PA	15222
003235	BEAVER COLLEGE	GLENSIDE	PA	19038
003237	BRYN MAWR COLLEGE	BRYN MAWR	PA	19010
003238	BUCKNELL UNIVERSITY	LEWISBURG	PA	17837
003239	BUCKS COUNTY CMTY COLLEGE	NEWTOWN	PA	18940
003240	BUTLER CO CMTY COLLEGE	BUTLER	PA	16001
003241	CABRINI COLLEGE	RADNOR	PA	19087
003243	CEDAR CREST COLLEGE	ALLENTOWN	PA	18104
003245	CHESTNUT HILL COLLEGE	PHILADELPHIA	PA	19118
003249	PHILADELPHIA,CMTY COLLEGE	PHILADELPHIA	PA	19107
003256	DREXEL UNIVERSITY	PHILADELPHIA	PA	19104
003259	EASTERN COLLEGE	SAINT DAVIDS	PA	19087
003261	UNITED WESLEYAN COLLEGE	ALLENTOWN	PA	18103
003265	FRANKLIN AND MARSHALL C	LANCASTER	PA	17604
003266	GANNON COLLEGE	ERIE	PA	16541
003267	GENEVA COLLEGE	BEAVER FALLS	PA	15010
003269	GROVE CITY COLLEGE	GROVE CITY	PA	16127
003270	GWYNEDD-MERCY COLLEGE	GWYNEDD VLY	PA	19437
003271	HAHNEMANN MEDL C AND HOSP	PHILADELPHIA	PA	19102
003272	HARCUM JUNIOR COLLEGE	BRYN MAWR	PA	19010
003273	HARRISBURG AREA CC	HARRISBURG	PA	17110
003274	HAVERFORD COLLEGE	HAVERFORD	PA	19041
003275	HOLY FAMILY COLLEGE	PHILADELPHIA	PA	19114
003279	JUNIATA COLLEGE	HUNTINGDON	PA	16652
003282	KING'S COLLEGE	WILKES-BARRE	PA	18711
003284	LAFAYETTE COLLEGE	EASTON	PA	18042
003287	LA SALLE COLLEGE	PHILADELPHIA	PA	19141
003289	LEHIGH UNIVERSITY	BETHLEHEM	PA	18015
003290	LINCOLN UNIVERSITY	LINCOLN UNIV	PA	19352
003293	LYCOMING COLLEGE	WILLIAMSPORT	PA	17701
003296	MARYWOOD COLLEGE	SCRANTON	PA	18509
003298	MESSIAH COLLEGE	GRANTHAM	PA	17027
003300	MOORE COLLEGE OF ART	PHILADELPHIA	PA	19103
003303	CARLOW COLLEGE	PITTSBURGH	PA	15213
003304	MUHLENBERG COLLEGE	ALLENTOWN	PA	18104
003306	VALLEY FORGE CHRISTIAN C	PHOENIXVILLE	PA	19460
003309	PEIRCE JUNIOR COLLEGE	PHILADELPHIA	PA	19102
003313	WIDENER C OF WIDENER U	CHESTER	PA	19013
003315	BLOOMSBURG STATE COLLEGE	BLOOMSBURG	PA	17815
003316	CALIFORNIA STATE COLLEGE	CALIFORNIA	PA	15419
003317	CHEYNEY STATE COLLEGE	CHEYNEY	PA	19319
003320	EAST STROUDSBG ST COLLEGE	E STROUDSBURG	PA	18301
003321	EDINBORO STATE COLLEGE	EDINBORO	PA	16444

FICE	SCHOOL	CITY	ST	ZIP
003322	KUTZTOWN STATE COLLEGE	KUTZTOWN	PA	19530
003323	LOCK HAVEN STATE COLLEGE	LOCK HAVEN	PA	17745
003324	MANSFIELD STATE COLLEGE	MANSFIELD	PA	16933
003325	MILLERSVILLE ST COLLEGE	MILLERSVILLE	PA	17551
003326	SHIPPENSBURG ST COLLEGE	SHIPPENSBURG	PA	17257
003327	SLIPPERY ROCK UNIVERSITY	SLIPPERY ROCK	PA	16057
003328	WEST CHESTER ST COLLEGE	WEST CHESTER	PA	19380
003329	PENNSYLVANIA ST U CENTRAL OFFICE	UNIVERSITY PK	PA	16802
003331	PENNSYLVANIA ST U ALTOONA	ALTOONA	PA	16603
003332	PENNSYLVANIA ST U BEAVER	MONACA	PA	15061
003333	PENNSYLVANIA ST U BEHREND C	ERIE	PA	16563
003336	PENNSYLVANIA ST U FAYETTE	UNIONTOWN	PA	15401
003339	PENNSYLVANIA ST U MCKEESPORT	MCKEESPORT	PA	15132
003340	PENNSYLVANIA ST U MONT ALTO	MONT ALTO	PA	17237
003341	PENNSYLVANIA ST U NEW KENSINGTON	NEW KENSINGTN	PA	15068
003342	PENNSYLVANIA ST U OGONTZ	ABINGTON	PA	19001
003343	PENNSYLVANIA ST U SCHUYLKILL	SHYLKL HAVEN	PA	17972
003345	PENNSYLVANIA ST U SHENANGO VALLEY	SHARON	PA	16146
003346	PENNSYLVANIA ST U WILKES-BARRE	LEHMAN	PA	18627
003347	PENNSYLVANIA ST U YORK	YORK	PA	17403
003354	PHILADELPHIA C TEXTILES & SCI	PHILADELPHIA	PA	19144
003355	PHILADELPHIA C PERFORMING ARTS	PHILADELPHIA	PA	19102
003359	ROBERT MORRIS COLLEGE	CORAOPOLIS	PA	15108
003360	ROSEMONT COLLEGE	ROSEMONT	PA	19010
003362	SETON HILL COLLEGE	GREENSBURG	PA	15601
003363	SPRING GARDEN COLLEGE	CHESTNUT HILL	PA	19118
003364	SAINT CHARLES BORROMEO SEM	PHILADELPHIA	PA	19151
003367	SAINT JOSEPH'S UNIVERSITY	PHILADELPHIA	PA	19131
003368	SAINT VINCENT COLLEGE	LATROBE	PA	15650
003370	SWARTHMORE COLLEGE	SWARTHMORE	PA	19081
003371	TEMPLE UNIVERSITY	PHILADELPHIA	PA	19122
003376	THIEL COLLEGE	GREENVILLE	PA	16125
003378	PENNSYLVANIA,U OF	PHILADELPHIA	PA	19104
003379	PITTSBURGH MAIN CAM, U OF	PITTSBURGH	PA	15260
003380	PITTSBURGH BRADFORD, U OF	BRADFORD	PA	16701
003381	PITTSBURGH GREENSBURG, U OF	GREENSBURG	PA	15601
003382	PITTSBURGH JOHNSTOWN, U OF	JOHNSTOWN	PA	15904
003383	PITTSBURGH TITUSVILLE, U OF	TITUSVILLE	PA	16354
003384	SCRANTON,UNIVERSITY OF	SCRANTON	PA	18510
003385	URSINUS COLLEGE	COLLEGEVILLE	PA	19426
003388	VILLANOVA UNIVERSITY	VILLANOVA	PA	19085
003389	WASHINGTON JEFF COLLEGE	WASHINGTON	PA	15301
003392	WESTMINSTER COLLEGE	NEW WILMINGTN	PA	16142
003394	WILKES COLLEGE	WILKES-BARRE	PA	18766
003395	WILLIAMSPORT AREA CC	WILLIAMSPORT	PA	17701
003396	WILSON COLLEGE	CHAMBERSBURG	PA	17201
003399	YORK COLLEGE PENNSYLVANIA	YORK	PA	17405
003400	BARRINGTON COLLEGE	BARRINGTON	RI	02806
003401	BROWN UNIVERSITY	PROVIDENCE	RI	02912
003402	BRYANT C BUSINESS ADMIN	SMITHFIELD	RI	02917
003404	JOHNSON & WALES COLLEGE	PROVIDENCE	RI	02903
003407	RHODE ISLAND COLLEGE	PROVIDENCE	RI	02908

FICE	SCHOOL	CITY	ST	ZIP
003408	RHODE ISLAND C C	WARWICK	RI	02886
003409	RHODE ISLAND SCH OF DESIGN	PROVIDENCE	RI	02903
003411	SALVE REGINA-NEWPORT C	NEWPORT	RI	02840
003414	RHODE ISLAND,U OF	KINGSTON	RI	02881
003417	ALLEN UNIVERSITY	COLUMBIA	SC	29204
003419	BAPTIST C AT CHARLESTOWN	CHARLESTON	SC	29411
003420	BENEDICT COLLEGE	COLUMBIA	SC	29204
003421	BOB JONES UNIVERSITY	GREENVILLE	SC	29614
003422	CENTRAL WESLEYAN COLLEGE	CENTRAL	SC	29630
003423	CITADEL MILITARY C OF SC	CHARLESTON	SC	29409
003424	CLAFLIN COLLEGE	ORANGEBURG	SC	29115
003425	CLEMSON UNIVERSITY	CLEMSON	SC	29631
003428	CHARLESTON,COLLEGE OF	CHARLESTON	SC	29424
003433	FRIENDSHIP COLLEGE	ROCK HILL	SC	29730
003434	FURMAN UNIVERSITY	GREENVILLE	SC	29613
003436	LIMESTONE COLLEGE	GAFFNEY	SC	29340
003439	MORRIS COLLEGE	SUMTER	SC	29150
003440	NEWBERRY COLLEGE	NEWBERRY	SC	29108
003441	NORTH GREENVILLE COLLEGE	TIGERVILLE	SC	29688
003446	SC STATE COLLEGE	ORANGEBURG	SC	29117
003447	SPARTANBURG METH COLLEGE	SPARTANBURG	SC	29301
003448	S C AT COLUMBIA, U OF	COLUMBIA	SC	29208
003449	SC AT AIKEN,U OF	AIKEN	SC	29801
003451	SC COASTAL CAROLINA, U OF	CONWAY	SC	29526
003453	SC AT LANCASTER,U OF	LANCASTER	SC	29720
003454	SC AT SALKEHATCHIE,U OF	ALLENDALE	SC	29810
003456	WINTHROP COLLEGE	ROCK HILL	SC	29733
003457	WOFFORD COLLEGE	SPARTANBURG	SC	29301
003458	AUGUSTANA COLLEGE	SIOUX FALLS	SD	57197
003459	BLACK HILLS STATE COLLEGE	SPEARFISH	SD	57783
003461	DAKOTA WESLEYAN U	MITCHELL	SD	57301
003463	DAKOTA STATE COLLEGE	MADISON	SD	57042
003464	HURON COLLEGE	HURON	SD	57350
003465	MOUNT MARTY COLLEGE	YANKTON	SD	57078
003466	NORTHERN STATE COLLEGE	ABERDEEN	SD	57401
003470	SOUTH DAKOTA SCH MINES & TECH	RAPID CITY	SD	57701
003471	SOUTH DAKOTA ST U	BROOKINGS	SD	57007
003472	SOUTH DAKOTA SPRINGFIELD, U OF	SPRINGFIELD	SD	57062
003474	SOUTH DAKOTA MAIN CAM, U OF	VERMILLION	SD	57069
003477	AQUINAS JUNIOR COLLEGE	NASHVILLE	TN	37205
003478	AUSTIN PEAY ST UNIVERSITY	CLARKSVILLE	TN	37040
003479	BELMONT COLLEGE	NASHVILLE	TN	37203
003481	CARSON-NEWMAN COLLEGE	JEFFERSON CY	TN	37760
003482	CHRISTIAN BROS COLLEGE	MEMPHIS	TN	38104
003483	COLUMBIA ST CMTY COLLEGE	COLUMBIA	TN	38401
003486	DAVID LIPSCOMB COLLEGE	NASHVILLE	TN	37203
003487	EAST TENN ST UNIVERSITY	JOHNSON CITY	TN	37614
003490	FISK UNIVERSITY	NASHVILLE	TN	37203
003491	FREE WILL BAPTIST BIBLE C	NASHVILLE	TN	37205
003492	FREED-HARDEMAN COLLEGE	HENDERSON	TN	38340
003494	HIWASSEE COLLEGE	MADISONVILLE	TN	37354
003496	KING COLLEGE	BRISTOL	TN	37620

FICE	SCHOOL	CITY	ST	ZIP
003497	KNOXVILLE COLLEGE	KNOXVILLE	TN	37921
003498	LAMBUTH COLLEGE	JACKSON	TN	38301
003501	LE MOYNE-OWEN COLLEGE	MEMPHIS	TN	38126
003502	LINCOLN MEM UNIVERSITY	HARROGATE	TN	37752
003504	MARTIN COLLEGE	PULASKI	TN	38478
003505	MARYVILLE COLLEGE	MARYVILLE	TN	37801
003509	MEMPHIS STATE UNIVERSITY	MEMPHIS	TN	38152
003510	MIDDLE TENN ST UNIVERSITY	MURFREESBORO	TN	37132
003511	MILLIGAN COLLEGE	MILLIGAN CLG	TN	37682
003518	SOUTHERN COLLEGE OF SEVENTH DAY ADVENTISTS	COLLEGEDALE	TN	37315
003522	TENNESSEE ST UNIVERSITY	NASHVILLE	TN	37203
003523	TENNESSEE TECHNOLOGICAL U	COOKEVILLE	TN	38501
003524	TENNESSEE TEMPLE U	CHATTANOOGA	TN	37404
003526	TREVECCA NAZARENE COLLEGE	NASHVILLE	TN	37210
003529	TENNESSEE CHATTANOOGA, U OF	CHATTANOOGA	TN	37402
003530	TENNESSEE KNOXVILLE,U OF	KNOXVILLE	TN	37916
003531	TENNESSEE AT MARTIN,U OF	MARTIN	TN	38238
003534	SOUTH,UNIVERSITY OF THE	SEWANEE	TN	37375
003535	VANDERBILT UNIVERSITY	NASHVILLE	TN	37240
003537	ABILENE CHRSTN UNIVERSITY	ABILENE	TX	79699
003539	ALVIN COMMUNITY COLLEGE	ALVIN	TX	77511
003540	AMARILLO COLLEGE	AMARILLO	TX	79178
003541	ANGELO STATE UNIVERSITY	SAN ANGELO	TX	76909
003543	AUSTIN COLLEGE	SHERMAN	TX	75090
003546	BEE COUNTY COLLEGE	BEEVILLE	TX	78102
003548	BISHOP COLLEGE	DALLAS	TX	75241
003553	CISCO JUNIOR COLLEGE	CISCO	TX	76437
003554	CLARENDON COLLEGE	CLARENDON	TX	79226
003557	CONCORDIA LUTH COLLEGE	AUSTIN	TX	78705
003560	DALLAS BAPTIST COLLEGE	DALLAS	TX	75236
003563	DEL MAR COLLEGE	CORPUS CHRSTI	TX	78404
003565	EAST TEXAS ST UNIVERSITY	COMMERCE	TX	75428
003571	HARDIN-SIMMONS UNIVERSITY	ABILENE	TX	79698
003573	HILL JUNIOR COLLEGE	HILLSBORO	TX	76645
003576	HOUSTON BAPT UNIVERSITY	HOUSTON	TX	77074
003577	HUSTON-TILLOTSON COLLEGE	AUSTIN	TX	78702
003578	INCARNATE WORD COLLEGE	SAN ANTONIO	TX	78209
003580	KILGORE COLLEGE	KILGORE	TX	75662
003581	LAMAR UNIVERSITY	BEAUMONT	TX	77710
003582	LAREDO JUNIOR COLLEGE	LAREDO	TX	78040
003583	LEE COLLEGE	BAYTOWN	TX	77520
003584	LETOURNEAU COLLEGE	LONGVIEW	TX	75607
003585	LON MORRIS COLLEGE	JACKSONVILLE	TX	75766
003586	LUBBOCK CHRISTIAN COLLEGE	LUBBOCK	TX	79407
003590	MCLENNAN CMTY COLLEGE	WACO	TX	76708
003591	MCMURRY COLLEGE	ABILENE	TX	79697
003592	MIDWESTERN ST UNIVERSITY	WICHITA FALLS	TX	76308
003593	NAVARRO COLLEGE	CORSICANA	TX	75110
003594	NORTH TEXAS ST UNIVERSITY	DENTON	TX	76203
003596	ODESSA COLLEGE	ODESSA	TX	79762
003598	OUR LADY OF LAKE U	SAN ANTONIO	TX	78285
003599	PAN AMERICAN UNIVERSITY	EDINBURG	TX	78539

FICE	SCHOOL	CITY	ST	ZIP
003600	PANOLA JUNIOR COLLEGE	CARTHAGE	TX	75633
003601	PARIS JUNIOR COLLEGE	PARIS	TX	75460
003602	PAUL QUINN COLLEGE	WACO	TX	76704
003603	RANGER JUNIOR COLLEGE	RANGER	TX	76470
003604	RICE UNIVERSITY	HOUSTON	TX	77001
003606	SAM HOUSTON ST UNIVERSITY	HUNTSVILLE	TX	77341
003607	SAN ANTONIO C C DIST CEN OFF	SAN ANTONIO	TX	78284
003608	SAINT PHILIP'S COLLEGE	SAN ANTONIO	TX	78203
003609	SAN JACINTO C CENTRAL CAM	PASADENA	TX	77505
003611	SOUTH PLAINS COLLEGE	LEVELLAND	TX	79336
003613	SOUTHERN METH UNIVERSITY	DALLAS	TX	75275
003614	SOUTHWEST TEX JR COLLEGE	UVALDE	TX	78801
003615	SOUTHWEST TEXAS ST U	SAN MARCOS	TX	78666
003616	SOUTHWESTERN ASSEMB GOD C	WAXAHACHIE	TX	75165
003620	SOUTHWESTERN UNIVERSITY	GEORGETOWN	TX	78726
003621	SAINT EDWARD'S UNIVERSITY	AUSTIN	TX	78704
003623	SAINT MARY'S U SAN ANTONIO	SAN ANTONIO	TX	78284
003624	STEPHEN F AUSTIN STATE U	NACOGDOCHES	TX	75962
003625	SUL ROSS STATE UNIVERSITY	ALPINE	TX	79830
003627	TEMPLE JUNIOR COLLEGE	TEMPLE	TX	76501
003629	TEXAS A&M U SYSTEM OFFICE	COLLEGE STA	TX	77843
003630	PRAIRIE VIEW A&M U	PRAIRIE VIEW	TX	77446
003631	TARLETON STATE UNIVERSITY	STEPHENVILLE	TX	76402
003634	TEXAS ST TECH INST WACO	WACO	TX	76705
003635	TEXAS CHIROPRACTIC C	PASADENA	TX	77505
003636	TEXAS CHRISTIAN U	FORT WORTH	TX	76129
003638	TEXAS COLLEGE	TYLER	TX	75702
003639	TEXAS A&I UNIVERSITY	KINGSVILLE	TX	78363
003641	TEXAS LUTHERAN COLLEGE	SEGUIN	TX	78155
003642	TEXAS SOUTHERN UNIVERSITY	HOUSTON	TX	77004
003643	TEXAS SOUTHMOST COLLEGE	BROWNSVILLE	TX	78520
003644	TEXAS TECH UNIVERSITY	LUBBOCK	TX	79409
003645	TEXAS WESLEYAN COLLEGE	FORT WORTH	TX	76105
003646	TEXAS WOMAN'S UNIVERSITY	DENTON	TX	76204
003647	TRINITY UNIVERSITY	SAN ANTONIO	TX	78284
003648	TYLER JUNIOR COLLEGE	TYLER	TX	75701
003652	HOUSTON CEN CAM, U OF	HOUSTON	TX	77004
003654	SAINT THOMAS, U OF	HOUSTON	TX	77006
003655	TEXAS SYSTEM OFFICE,U OF	AUSTIN	TX	78701
003656	TEXAS AT ARLINGTON,U OF	ARLINGTON	TX	76019
003658	TEXAS AT AUSTIN,U OF	AUSTIN	TX	78712
003659	TEXAS HEALTH SCI CEN SAN ANTONIO, U	SAN ANTONIO	TX	78284
003661	TEXAS AT EL PASO,U OF	EL PASO	TX	79968
003662	VICTORIA COLLEGE	VICTORIA	TX	77901
003665	WEST TEXAS ST UNIVERSITY	CANYON	TX	79016
003670	BRIGHAM YOUNG U MAIN CAM	PROVO	UT	84602
003671	DIXIE COLLEGE	SAINT GEORGE	UT	84770
003672	LATTER-DAY SAINTS BUS COLLEGE	SALT LAKE CY	UT	84111
003675	UTAH,UNIVERSITY OF	SALT LAKE CY	UT	84112
003677	UTAH STATE UNIVERSITY	LOGAN	UT	84322
003678	SOUTHERN UTAH ST COLLEGE	CEDAR CITY	UT	84720
003679	SNOW COLLEGE	EPHRAIM	UT	84627

FICE	SCHOOL	CITY	ST	ZIP
003680	WEBER STATE COLLEGE	OGDEN	UT	84408
003682	BENNINGTON COLLEGE	BENNINGTON	VT	05201
003683	CASTLETON STATE COLLEGE	CASTLETON	VT	05735
003684	CHAMPLAIN COLLEGE	BURLINGTON	VT	05401
003687	GREEN MOUNTAIN COLLEGE	POULTNEY	VT	05764
003688	JOHNSON STATE COLLEGE	JOHNSON	VT	05656
003689	LYNDON STATE COLLEGE	LYNDONVILLE	VT	05851
003691	MIDDLEBURY COLLEGE	MIDDLEBURY	VT	05753
003692	NORWICH U MAIN CAM	NORTHFIELD	VT	05663
003694	SAINT MICHAEL'S COLLEGE	WINOOSKI	VT	05404
003695	TRINITY COLLEGE	BURLINGTON	VT	05401
003696	VERMONT ST AG C & U	BURLINGTON	VT	05405
003698	VERMONT TECHNICAL COLLEGE	RANDOLPH CTR	VT	05061
003705	WILLIAM AND MARY, C OF	WILLIAMSBURG	VA	23185
003706	CHRISTOPHER NEWPORT C	NEWPORT NEWS	VA	23606
003707	RICHARD BLAND C WM & MARY	PETERSBURG	VA	23805
003712	TIDEWATER CMTY COLLEGE	PORTSMOUTH	VA	23703
003714	HAMPTON INSTITUTE	HAMPTON	VA	23668
003719	LONGWOOD COLLEGE	FARMVILLE	VA	23901
003720	LYNCHBURG COLLEGE	LYNCHBURG	VA	24501
003721	JAMES MADISON UNIVERSITY	HARRISONBURG	VA	22807
003724	MARYMOUNT COLLEGE OF VA	ARLINGTON	VA	22207
003726	NATIONAL BUSINESS COLLEGE	ROANOKE	VA	24011
003727	NORTHERN VA CMTY COLLEGE	ANNANDALE	VA	22003
003728	OLD DOMINION UNIVERSITY	NORFOLK	VA	23508
003732	RADFORD UNIVERSITY	RADFORD	VA	24142
003734	RANDOLPH-MACON WOMAN'S C	LYNCHBURG	VA	24503
003735	VIRGINIA COMMONWEALTH U	RICHMOND	VA	23284
003742	SWEET BRIAR COLLEGE	SWEET BRIAR	VA	24595
003744	RICHMOND,UNIVERSITY OF	RICHMOND	VA	23173
003745	VIRGINIA ALL CAM,U OF	CHARLOTTESVL	VA	22903
003746	MARY WASHINGTON COLLEGE	FREDERICKSBG	VA	22401
003749	GEORGE MASON UNIVERSITY	FAIRFAX	VA	22030
003751	PATRICK HENRY CC	MARTINSVILLE	VA	24112
003753	VIRGINIA MILITARY INST	LEXINGTON	VA	24450
003754	VIRGINIA POLY INST AND ST U	BLACKSBURG	VA	24061
003758	DANVILLE CMTY COLLEGE	DANVILLE	VA	24541
003759	J SARGEANT REYNOLDS CC	RICHMOND	VA	23241
003760	VIRGINIA WESTERN C C	ROANOKE	VA	24015
003764	VIRGINIA STATE UNIV	PETERSBURG	VA	23803
003765	NORFOLK STATE UNIVERSITY	NORFOLK	VA	23504
003766	VIRGINIA UNION UNIVERSITY	RICHMOND	VA	23220
003767	VIRGINIA WESLEYAN COLLEGE	NORFOLK	VA	23502
003769	BELLEVUE CMTY COLLEGE	BELLEVUE	WA	98007
003770	BIG BEND CMTY COLLEGE	MOSES LAKE	WA	98837
003771	CENTRAL WASH UNIVERSITY	ELLENSBURG	WA	98926
003772	CENTRALIA COLLEGE	CENTRALIA	WA	98531
003774	COLUMBIA BASIN CC	PASCO	WA	99301
003775	EASTERN WASH UNIVERSITY	CHENEY	WA	99004
003778	GONZAGA UNIVERSITY	SPOKANE	WA	99258
003780	GREEN RIVER CMTY COLLEGE	AUBURN	WA	98002
003781	HIGHLINE CMTY COLLEGE	MIDWAY	WA	98031

FICE	SCHOOL	CITY	ST	ZIP
003783	NORTWEST C ASSEMBLIES GOD	KIRKLAND	WA	98033
003784	OLYMPIC COLLEGE	BREMERTON	WA	98310
003785	PACIFIC LUTH UNIVERSITY	TACOMA	WA	98447
003786	PENINSULA COLLEGE	PORT ANGELES	WA	98362
003788	SEATTLE PACIFIC U	SEATTLE	WA	98119
003790	SEATTLE UNIVERSITY	SEATTLE	WA	98122
003791	SHORELINE CMTY COLLEGE	SEATTLE	WA	98133
003793	SPOKANE COMMUNITY COLLEGE	SPOKANE	WA	99202
003796	TACOMA COMMUNITY COLLEGE	TACOMA	WA	98465
003797	PUGET SOUND,UNIVERSITY OF	TACOMA	WA	98416
003798	WASHINGTON,UNIVERSITY OF	SEATTLE	WA	98195
003799	WALLA WALLA COLLEGE	COLLEGE PLACE	WA	99324
003800	WASHINGTON ST UNIVERSITY	PULLMAN	WA	99164
003802	WESTERN WASH UNIVERSITY	BELLINGHAM	WA	98225
003803	WHITMAN COLLEGE	WALLA WALLA	WA	99362
003805	YAKIMA VALLEY CC	YAKIMA	WA	98902
003806	ALDERSON BROADDUS COLLEGE	PHILIPPI	WV	26416
003807	BECKLEY COLLEGE	BECKLEY	WV	25801
003809	BLUEFIELD STATE COLLEGE	BLUEFIELD	WV	24701
003810	CONCORD COLLEGE	ATHENS	WV	24712
003811	DAVIS AND ELKINS COLLEGE	ELKINS	WV	26241
003812	FAIRMONT STATE COLLEGE	FAIRMONT	WV	26554
003813	GLENVILLE STATE COLLEGE	GLENVILLE	WV	26351
003815	MARSHALL UNIVERSITY	HUNTINGTON	WV	25701
003816	SOUTHERN WEST VA C C	HOLDEN	WV	25601
003818	CHARLESTON, U OF	CHARLESTON	WV	25304
003820	SALEM COLLEGE MAIN CAMPUS	SALEM	WV	26426
003822	SHEPHERD COLLEGE	SHEPHERDSTOWN	WV	25443
003825	WEST VIRGINIA INST TECH	MONTGOMERY	WV	25136
003826	WEST VIRGINIA ST C	INSTITUTE	WV	25112
003827	WEST VIRGINIA UNIVERSITY	MORGANTOWN	WV	26506
003828	PARKERSBURG CMTY COLLEGE	PARKERSBURG	WV	26101
003829	POTOMAC STATE COLLEGE	KEYSER	WV	26726
003830	WEST VIRGINIA WESLEYAN C	BUCKHANNON	WV	26201
003831	WHEELING COLLEGE	WHEELING	WV	26003
003835	BELOIT COLLEGE	BELOIT	WI	53511
003837	CARDINAL STRITCH COLLEGE	MILWAUKEE	WI	53217
003838	CARROLL COLLEGE	WAUKESHA	WI	53186
003839	CARTHAGE COLLEGE	KENOSHA	WI	53141
003840	WESTERN WIS TECH INST	LA CROSSE	WI	54601
003842	CONCORDIA COLLEGE	MILWAUKEE	WI	53208
003848	EDGEWOOD COLLEGE	MADISON	WI	53711
003856	LAWRENCE UNIVERSITY	APPLETON	WI	54911
003863	MARQUETTE UNIVERSITY	MILWAUKEE	WI	53233
003866	MILWAUKEE AREA TECH C	MILWAUKEE	WI	53203
003868	MILWAUKEE SCH ENGINEERING	MILWAUKEE	WI	53201
003869	MOUNT MARY COLLEGE	MILWAUKEE	WI	53222
003884	RIPON COLLEGE	RIPON	WI	54971
003894	WISCONSIN SYS OFFICE,U OF	MADISON	WI	53706
003895	WISCONSIN MADISON,U OF	MADISON	WI	53706
003896	WISCONSIN MILWAUKEE,U OF	MILWAUKEE	WI	53201
003897	WISCONSIN CTR SYS,U OF	MADISON	WI	53706

FICE	SCHOOL	CITY	ST	ZIP
003899	WISCONSIN GREEN BAY,U OF	GREEN BAY	WI	54302
003913	WISCONSIN CONSV OF MUSIC	MILWAUKEE	WI	53202
003915	WISCONSIN STOUT,U OF	MENOMONIE	WI	54751
003917	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	WI	54701
003919	WISCONSIN LA CROSSE,U OF	LA CROSSE	WI	54601
003921	WISCONSIN PLATTEVL,U OF	PLATTEVILLE	WI	53818
003923	WISCONSIN RIVER FALLS, U OF	RIVER FALLS	WI	54022
003924	WISCONSIN STEVENS POINT, U OF	STEVENS POINT	WI	54481
003925	WISCONSIN SUPERIOR,U OF	SUPERIOR	WI	54880
003926	WISCONSIN WHITEWATER,U OF	WHITEWATER	WI	53190
003928	CASPER COLLEGE	CASPER	WY	82601
003929	EASTERN WYOMING COLLEGE	TORRINGTON	WY	82240
003930	SHERIDAN COLLEGE	SHERIDAN	WY	82801
003932	WYOMING,UNIVERSITY OF	LARAMIE	WY	82071
003937	SACRED HEART, U OF THE	SANTURCE	PR	00914
003954	CENTRAL FLORIDA, U OF	ORLANDO	FL	32816
003955	WEST FLORIDA,U OF	PENSACOLA	FL	32504
003960	ILL MEDL CTR CHGO,U OF	CHICAGO	IL	60680
003961	HARPER C .	PALATINE	IL	60067
003965	BAY STATE JC OF BUS	BOSTON	MA	02116
003968	LEWIS C BUSINESS	DETROIT	MI	48235
003969	MINNESOTA MINNEAPOLIS-ST PAUL, U OF	MINNEAPOLIS	MN	55455
003970	SAINT LOUIS U-PARKS C	CAHOKIA	IL	62206
003982	CLEVELAND INST OF ART	CLEVELAND	OH	44106
003985	ORAL ROBERTS UNIVERSITY	TULSA	OK	74171
003990	FLORENCE DARLINGTON TECH	FLORENCE	SC	29501
003991	GREENVILLE TECH COLLEGE	GREENVILLE	SC	29606
003992	PIEDMONT TECH COLLEGE	GREENWOOD	SC	29646
003993	MIDLANDS TECH COLLEGE	COLUMBIA	SC	29202
003995	SUMTER AREA TECH COLLEGE	SUMTER	SC	29150
003996	YORK TECHNICAL COLLEGE	ROCK HILL	SC	29730
003999	CLEVELAND ST CMTY COLLEGE	CLEVELAND	TN	37311
004003	CENTRAL TEXAS COLLEGE	KILLEEN	TX	76541
004004	JOHN TYLER CMTY COLLEGE	CHESTER	VA	23831
004007	MADISON AREA TECH COLLEGE	MADISON	WI	53703
004027	UTAH TECH COLLEGE PROVO	PROVO	UT	84601
004052	ALLEGHENY CO BOYCE CAM,CC	MONROEVILLE	PA	15146
004057	NATIONAL COLLEGE	RAPID CITY	SD	57701
004074	SCOTT COMMUNITY COLLEGE	BETTENDORF	IA	52722
004076	KIRKWOOD CMTY COLLEGE	CEDAR RAPIDS	IA	52406
004452	MONTGOMERY CO COMMUNITY C	BLUE BELL	PA	19422
004453	EL CENTRO COLLEGE	DALLAS	TX	75202
004480	DE ANZA COLLEGE	CUPERTINO	CA	95014
004481	OHLONE COLLEGE	FREMONT	CA	94539
004506	COLORADO MOUNTAIN C WEST CAM	GLENWOOD SPG	CO	81601
004549	HAWAII LEEWARD CC,U OF	PEARL CITY	HI	96782
004579	INTERNATIONAL BUSINESS C	FORT WAYNE	IN	46804
004595	HAWKEYE INST TECHNOLOGY	WATERLOO	IA	50704
004600	NORTHWEST IOWA TECH C	SHELDON	IA	51201
004611	KANSAS TECHNICAL INST	SALINA	KS	67401
004622	SOUTHERN U SHREVEPORT-BOSSIER	SHREVEPORT	LA	71107
004626	DELGADO CMTY COLLEGE	NEW ORLEANS	LA	70119

FICE	SCHOOL	CITY	ST	ZIP
004661	HAMPSHIRE COLLEGE	AMHERST	MA	01002
004673	BAKER JUNIOR COLLEGE BUS	FLINT	MI	48507
004681	MACOMB CO CC-CENTER CAM	MT CLEMENS	MI	48044
004697	SAN MATEO CC DIST SYS OFF	SAN MATEO	CA	94402
004723	SOUTHEAST CC MILFORD CAM	MILFORD	NE	68405
004729	HESSER COLLEGE	MANCHESTER	NH	03101
004731	DANIEL WEBSTER COLLEGE	NASHUA	NH	03063
004736	BERGEN COMMUNITY COLLEGE	PARAMUS	NJ	07652
004738	FARLGH DCKSN FLORHAM-MAD	MADISON	NJ	07940
004740	MERCER CO CMTY COLLEGE	TRENTON	NJ	08690
004741	RUTGERS U CAMDEN CAMPUS	CAMDEN	NJ	08102
004749	ALBANY BUSINESS COLLEGE	ALBANY	NY	12210
004750	SUNY C OF CERAMICS ALFRED	ALFRED	NY	14802
004759	CUNY YORK COLLEGE	JAMAICA	NY	11451
004766	CUNY BERNARD BARUCH C	NEW YORK	NY	10010
004779	LONG IS U BROOKLYN CENTER	BROOKLYN	NY	11201
004788	HERKIMER CO CMTY COLLEGE	HERKIMER	NY	13350
004799	MONROE BUSINESS INSTITUTE	BRONX	NY	10468
004804	NEW YORK INST TECH MAIN CAM	OLD WESTBURY	NY	11568
004811	ROCHESTER BUS INSTITUTE	ROCHESTER	NY	14604
004823	SUNY HLTH SCI CTR STNY BK	STONY BROOK	NY	11794
004825	TAYLOR BUSINESS INSTITUTE	NEW YORK	NY	10019
004838	GUILFORD TECHNICAL INST	JAMESTOWN	NC	27282
004840	KING'S COLLEGE	RALEIGH	NC	27611
004844	WAKE TECHNICAL COLLEGE	RALEIGH	NC	27603
004852	CLARK TECHNICAL COLLEGE	SPRINGFIELD	OH	45505
004861	NORTHWESTERN BUS C TECH CEN	LIMA	OH	45805
004878	CLACKAMAS CMTY COLLEGE	OREGON CITY	OR	97045
004886	ELECTRONIC INSTITUTE	PITTSBURGH	PA	15217
004917	ROGER WILLIAMS C MAIN CAM	BRISTOL	RI	02809
004922	COLUMBIA JUNIOR C	COLUMBIA	SC	29201
004925	HORRY-GEORGETOWN TECH C	CONWAY	SC	29526
004926	TRI-COUNTY TECH COLLEGE	PENDLETON	SC	29670
004932	DRAUGHON'S JR COLLEGE	MEMPHIS	TN	38116
004933	DRAUGHON'S JC BUSINESS	KNOXVILLE	TN	37919
004952	TEXAS MED BRANCH GALVESTON, U	GALVESTON	TX	77550
004988	CENTRAL VA CMTY COLLEGE	LYNCHBURG	VA	24502
005000	FORT STEILACOOM CC	TACOMA	WA	98498
005001	EDMONDS COMMUNITY COLLEGE	LYNNWOOD	WA	98036
005015	WISCONSIN PARKSIDE,U OF	KENOSHA	WI	53141
005127	SOUTHERN OHIO COLLEGE	CINCINNATI	OH	45237
005204	BEAL COLLEGE	BANGOR	ME	04401
005220	UTAH TECH COLLEGE SALT LK	SALT LAKE CY	UT	84107
005277	EASTERN ME VOC-TECH INST	BANGOR	ME	04401
005299	GATEWAY TECH INST-RACINE	RACINE	WI	53403
005313	NORTH CEN TECH COLLEGE	MANSFIELD	OH	44906
005317	FORSYTH TECHNICAL INST	WINSTON-SALEM	NC	27103
005318	CATAWBA VALLEY TECH C	HICKORY	NC	28601
005363	DENMARK TECHNICAL COLLEGE	DENMARK	SC	29042
005372	OLYMPIA TECH CMTY COLLEGE	OLYMPIA	WA	98502
005380	MID-STATE TECHNICAL INST	WISC RAPIDS	WI	54494
005387	NORTH CENTRAL TECH INST	WAUSAU	WI	54401

FICE	SCHOOL	CITY	ST	ZIP
005447	RANDOLPH TECHNICAL C	ASHEBORO	NC	27203
005449	CENTRAL CAROLINA TECH C	SANFORD	NC	27330
005753	MICHAEL J OWENS TECH C	TOLEDO	OH	43699
005760	NORTHERN MAINE VOC TECH INST	PRESQUE ISLE	ME	04769
006139	UNION COUNTY COLLEGE	CRANFORD	NJ	07016
006656	DUPAGE,COLLEGE OF	GLEN ELLYN	IL	60137
006661	ANGELINA COLLEGE	LUFKIN	TX	75901
006725	TENNESSEE CTR HEALTH SCI, U OF	MEMPHIS	TN	38163
006750	VALENCIA CMTY COLLEGE	ORLANDO	FL	32802
006774	LAKEWOOD CMTY COLLEGE	WHITE BR LK	MN	55110
006782	GENESEE COMMUNITY COLLEGE	BATAVIA	NY	14020
006785	SCHENECTADY COUNTY CC	SCHENECTADY	NY	12305
006791	SUNY COLLEGE AT PURCHASE	PURCHASE	NY	10577
006804	LAKELAND CMTY COLLEGE	MENTOR	OH	44060
006807	BEAVER CO,CMTY COLLEGE OF	MONACA	PA	15061
006811	LUZERNE CO CMTY COLLEGE	NANTICOKE	PA	18634
006814	PENNSYLVANIA ST U CAPITOL	MIDDLETOWN	PA	17057
006863	VENTURA CO CC SYS OFFICE	VENTURA	CA	93003
006865	CAMDEN COUNTY COLLEGE	BLACKWOOD	NJ	08012
006867	COLUMBUS TECHNICAL INST	COLUMBUS	OH	43216
006871	THOMAS NELSN CMTY COLLEGE	HAMPTON	VA	23670
006881	NEW MEXICO GALLUP BRANCH, U OF	GALLUP	NM	87301
006883	OHIO STATE U MAIN CAMPUS	COLUMBUS	OH	43210
006922	PENNSYLVANIA ST U DELAWARE	MEDIA	PA	19063
006931	WAUBONSEE CMTY COLLEGE	SUGAR GROVE	IL	60554
006949	KALAMAZOO VALLEY CC	KALAMAZOO	MI	49009
006951	SC AT SPARTANBURG,U OF	SPARTANBURG	SC	29303
006964	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	NJ	08903
006965	PENNSYLVANIA ST U MAIN CAM (U PK)	UNIVERSITY PK	PA	16802
006967	BAYLOR UNIVERSITY	WACO	TX	76798
006968	VIRGINIA MAIN CAMPUS,U OF	CHARLOTTESVL	VA	22903
006973	CANADA COLLEGE	REDWOOD CITY	CA	94061
006982	MATTATUCK CMTY COLLEGE	WATERBURY	CT	06708
007022	CUNY LEHMAN COLLEGE	BRONX	NY	10468
007047	LOS ANG SOUTHWEST COLLEGE	LOS ANGELES	CA	90047
007085	MOUNT VERNON NAZARENE C	MOUNT VERNON	OH	43050
007099	VIRGINIA HIGHLANDS C C	ABINGDON	VA	24210
007102	JEFFERSON COLLEGE	HILLSBORO	MO	63050
007104	MIAMI UNIV OXFORD CAM	OXFORD	OH	45056
007105	STATE TECH INST	MEMPHIS	TN	38134
007107	ESSEX COUNTY COLLEGE	NEWARK	NJ	07102
007108	PUERTO RICO PIEDRAS, U OF	RIO PIEDRAS	PR	00931
007109	SUNY COLLEGE OLD WESTBURY	OLD WESTBURY	NY	11568
007110	DELAWARE CO CMTY COLLEGE	MEDIA	PA	19063
007111	NORTH COUNTRY C C	SARANAC LAKE	NY	12983
007115	MOORPARK COLLEGE	MOORPARK	CA	93021
007118	PARKLAND COLLEGE	CHAMPAIGN	IL	61821
007119	REND LAKE COLLEGE	INA	IL	62846
007121	FAITH BAPT BIBLE COLLEGE	ANKENY	IA	50021
007123	GOLDEN VLY LUTH COLLEGE	MINNEAPOLIS	MN	55422
007136	NEW MEXICO ST U CEN OFF	LAS CRUCES	NM	88003
007170	LINCOLN LAND CMTY COLLEGE	SPRINGFIELD	IL	62708

FICE	SCHOOL	CITY	ST	ZIP
007184	ALLEGHENY CO SOUTH CAM,CC	WEST MIFFLIN	PA	15122
007191	NORTHAMPTON CO AREA CC	BETHLEHEM	PA	18017
007266	PIMA COMMUNITY COLLEGE	TUCSON	AZ	85709
007283	CENTRAL ARIZONA COLLEGE	COOLIDGE	AZ	85228
007288	GATEWAY TECH INST-KENOSHA	KENOSHA	WI	53141
007316	WESTERN IOWA TECH	SIOUX CITY	IA	51102
007353	NORTHWESTERN ELECTRONICS INST	COLUMBIA HEIGHT	MN	55421
007394	BERK-CLAREMONT NEW YORK	NEW YORK	NY	10174
007398	KATHARINE GIBBS SCHOOL	NEW YORK	NY	10017
007421	BERKELEY SCHOOL,THE	WHITE PLAINS	NY	10604
007430	ANTONELLI SCH OF PHOTOGRAPHY INC	PHILADELPHIA	PA	19105
007437	PITTSBURGH TECH INST	PITTSBURGH	PA	15222
007439	TENNESSEE INST ELECS	KNOXVILLE	TN	37917
007465	AMERICAN ACAD DRAMATIC ARTS	NEW YORK	NY	10016
007468	VISUAL ARTS.SCHOOL OF	NEW YORK	NY	10010
007470	ART INSTITUTE PITTSBURGH	PITTSBURGH	PA	15222
007481	KATHARINE GIBBS SCHOOL	BOSTON	MA	02116
007484	NEWBURY JUNIOR COLLEGE	BOSTON	MA	02115
007502	BERKELEY SCHOOL,THE	LITTLE FALLS	NJ	07424
007532	FINGER LAKES,CMTY COLLEGE	CANANDAIGUA	NY	14424
007536	COSUMNES RIVER COLLEGE	SACRAMENTO	CA	95823
007544	APPALACHIAN BIBLE COLLEGE	BRADLEY	WV	25818
007582	AIMS COMMUNITY COLLEGE	GREELEY	CO	80631
007586	TAMPA TECH INSTITUTE	TAMPA	FL	33610
007598	HOCKING TECHNICAL COLLEGE	NELSONVILLE	OH	45764
007638	PLATTE VLY BIBLE COLLEGE	SCOTTSBLUFF	NE	69361
007640	FAYETTEVILLE TECH INST	FAYETTEVILLE	NC	28303
007644	LAKE LAND COLLEGE	MATTOON	IL	61938
007662	HAGERSTOWN BUS COL/MARYLAND MED SECRL SCH	HAGERSTOWN	MD	21741
007669	SOUTHWEST WISC VOC TECH INST	FENNIMORE	WI	53809
007678	SPARTAN SCH AERONAUTICS	TULSA	OK	74151
007684	KISHWAUKEE COLLEGE	MALTA	IL	60150
007690	KANKAKEE CMTY COLLEGE	KANKAKEE	IL	60901
007691	MCHENRY COUNTY COLLEGE	CRYSTAL LAKE	IL	60014
007692	MORAINE VLY CMTY COLLEGE	PALOS HILLS	IL	60465
007694	LAKE COUNTY,COLLEGE OF	GRAYSLAKE	IL	60030
007707	COLUMBIA COLLEGE	COLUMBIA	CA	95310
007713	SKYLINE COLLEGE	SAN BRUNO	CA	94066
007729	COUNTY COLLEGE OF MORRIS	RANDOLPH	NJ	07869
007730	BURLINGTON COUNTY COLLEGE	PEMBERTON	NJ	08068
007731	SOMERSET COUNTY COLLEGE	SOMERVILLE	NJ	08876
007814	BROOKSTONE COLLEGE OF BUSINESS	HIGH POINT	NC	27261
007817	RUTLEDGE C WINSTON-SALEM	WINSTON-SALEM	NC	27102
007826	BEREAN INSTITUTE	PHILADELPHIA	PA	19130
007845	NEW ENG INST TECHNOLOGY	PROVIDENCE	RI	02907
007856	BOWLING GRN ST U FIRELDS	HURON	OH	44839
007857	BRAZOSPORT COLLEGE	LAKE JACKSON	TX	77566
007860	PENNSYLVANIA TECH INST	PITTSBURGH	PA	15222
007870	HILLSBOROUGH CMTY COLLEGE	TAMPA	FL	33622
007871	WALLACE ST CC-HNCV	HANCEVILLE	AL	35077
007885	HAWAII SYS OFF U OF	HONOLULU	HI	96822
007888	PURDUE U CENTRAL OFFICE	W LAFAYETTE	IN	47907

FICE	SCHOOL	CITY	ST	ZIP
007893	FLAGLER COLLEGE	ST AUGUSTINE	FL	32084
007954	NORMANDALE CMTY COLLEGE	BLOOMINGTON	MN	55431
007959	MARYLAND SYSTEM OFF,U OF	ADELPHI	MD	20783
007963	COLUMBIA U CENTRAL OFF	NEW YORK	NY	10027
007964	CORNELL U CENTRAL OFFICE	ITHACA	NY	14853
007970	PACE UNIVERSITY CEN OFF	NEW YORK	NY	10038
007985	ANSON TECHNICAL COLLEGE	ANSONVILLE	NC	28007
007993	CAL ST COLLEGE-BAKERSFLD	BAKERSFIELD	CA	93309
007996	COLORADO SYS OFFICE, U OF	BOULDER	CO	80309
007997	CONNECTICUT CEN OFFICE, U OF	STORRS	CT	06268
007999	GEORGIA INST OF TECH CEN OFF	ATLANTA	GA	30332
008001	ILLINOIS CENTRAL OFF,U OF	URBANA	IL	61801
008002	INDIANA U CENTRAL OFFICE	BLOOMINGTON	IN	47405
008004	ALABAMA SYS OFFICE, U OF	UNIVERSITY	AL	35486
008006	ARKANSAS STATE U CEN OFF	STATE UNIV	AR	72467
008017	MASS CENTRAL OFFICE,U OF	BOSTON	MA	02116
008022	MISSISSIPPI CEN OFF,U OF	UNIVERSITY	MS	38677
008024	SAINT LOUIS U CENTRAL OFF	SAINT LOUIS	MO	63103
008032	BOWLING GRN ST U CEN OFF	BOWLING GREEN	OH	43403
008034	KENT STATE U	KENT	OH	44242
008036	OHIO U CENTRAL OFFICE	ATHENS	OH	45701
008038	MIDDLESEX CMTY COLLEGE	MIDDLETOWN	CT	06457
008039	CINCINNATI CENTRAL OFF,U	CINCINNATI	OH	45221
008040	OKLA STATE U CEN OFFICE	STILLWATER	OK	74078
008041	OKLAHOMA CENTRAL OFF,U OF	NORMAN	OK	73019
008046	PITTSBURGH CEN OFFICE, U OF	PITTSBURGH	PA	15260
008049	SC CENTRAL OFFICE,U OF	COLUMBIA	SC	29208
008051	TENNESSEE CEN OFF,U OF	KNOXVILLE	TN	37916
008055	WILLIAM & MARY CEN OFF,C	WILLIAMSBURG	VA	23185
008058	VIRGINIA CEN OFFICE,U OF	CHARLOTTESVL	VA	22903
008068	ST U SYS OF FLA SYS OFF	TALLAHASSEE	FL	32301
008073	BUTTE COLLEGE	OROVILLE	CA	95965
008076	JOHN A LOGAN COLLEGE	CARTERVILLE	IL	62918
008078	SPRINGFIELD TECHNICAL CC	SPRINGFIELD	MA	01105
008082	CLEVELAND TECH COLLEGE	SHELBY	NC	28150
008084	COASTAL CAROLINA CC	JACKSONVILLE	NC	28540
008086	CRAVEN COMMUNITY COLLEGE	NEW BERN	NC	28560
008125	FRIENDS WORLD COLLEGE	HUNTINGTON	NY	11743
008145	NASHVILLE STATE TECH INST	NASHVILLE	TN	37209
008155	EVERGREEN STATE COLLEGE	OLYMPIA	WA	98505
008175	HOWARD COMMUNITY COLLEGE	COLUMBIA	MD	21044
008222	FAIRLEIGH DCKSN U CEN OFF	RUTHERFORD	NJ	07070
008228	SEWARD CO CMTY COLLEGE	LIBERAL	KS	67901
008244	JOHNSN CO CMTY COLLEGE	OVERLAND PARK	KS	66210
008246	NAVAJO COMMUNITY COLLEGE	TSAILE	AZ	86556
008278	TERRA TECHNICAL COLLEGE	FREMONT	OH	43420
008296	MEDICAL COLLEGE OF WIS	MILWAUKEE	WI	53226
008304	SCOTTSDALE CMTY COLLEGE	SCOTTSDALE	AZ	85253
008306	ALAMEDA,COLLEGE OF	ALAMEDA	CA	94501
008308	CECIL COMMUNITY COLLEGE	NORTH EAST	MD	21901
008310	AUBURN U AT MONTGOMERY	MONTGOMERY	AL	36117
008319	MACOMB CO CC	WARREN	MI	48093

FICE	SCHOOL	CITY	ST	ZIP
008322	DEVRY INST OF TECHNOLOGY	PHOENIX	AZ	85016
008329	ITT TECH INST	FORT WAYNE	IN	46808
008350	ART INST PHILADELPHIA	PHILADELPHIA	PA	19103
008404	BROOKDALE CMTY COLLEGE	LINCROFT	NJ	07738
008419	MERCER U IN ATLANTA	ATLANTA	GA	30341
008423	IND VOC TECH C-NTH CEN	SOUTH BEND	IN	46619
008435	INTERBORO INSTITUTE	NEW YORK	NY	10019
008466	SOUTHWESTERN TECH C	SYLVA	NC	28779
008504	RICHLAND COLLEGE	DALLAS	TX	75231
008510	EASTFIELD COLLEGE	MESQUITE	TX	75150
008547	IND VOC TECH COLLEGE	TERRE HAUTE	IN	47802
008596	WEST LOS ANGELES COLLEGE	CULVER CITY	CA	90230
008597	FEATHER RIVER COLLEGE	QUINCY	CA	95971
008611	CUNY HOSTOS C C	BRONX	NY	10451
008709	LOS ANG CC SYS ALL INST	LOS ANGELES	CA	90017
008713	SAN MATEO CC SYS ALL INST	SAN MATEO	CA	94403
008715	CAL U SYS ADMIN ALL CAM	BERKELEY	CA	94720
008717	COLORADO ALL INST, U OF	BOULDER	CO	80309
008719	JONES COLLEGE ALL CAM	JACKSONVILLE	FL	32211
008723	GEORGIA INST OF TECH ALL CAM	ATLANTA	GA	30332
008727	CITY C CHGO ALL CAM	CHICAGO	IL	60601
008729	ILLINOIS ALL CAM,U OF	URBANA	IL	61801
008735	DES MOINES AREA CC	ANKENY	IA	50021
008736	INDIAN HILLS CC	OTTUMWA	IA	52501
008739	IOWA WESTERN CMTY COLLEGE	COUNCIL BLF	IA	51501
008740	SOUTHEASTERN CMTY COLLEGE	W BURLINGTON	IA	52655
008745	LOUISIANA ST U ALL INST	BATON ROUGE	LA	70803
008751	MARYLAND SYS ALL INST,U	COLLEGE PARK	MD	20783
008755	MASS ALL CAMPUSES,U OF	BOSTON	MA	02116
008759	NORTHWOOD INSTITUTE	MIDLAND	MI	48640
008760	OAKLAND COMMUNITY COLLEGE	BLOOMFLD HLS	MI	48013
008761	MINNESOTA ALL CAM,U OF	MINNEAPOLIS	MN	55455
008763	MISS GULF CST JC	PERKINSTON	MS	39573
008764	MISSISSIPPI ALL CAM,U OF	UNIVERSITY	MS	38677
008766	SAINT LOUIS U ALL CAM	SAINT LOUIS	MO	63103
008768	NEBRASKA CEN ADMIN ALL INST, U	LINCOLN	NE	68508
008771	RUTGERS THE ST U ALL CAM	NEW BRUNSWICK	NJ	08903
008773	NEW MEXICO ST U ALL CAM	LAS CRUCES	NM	88003
008775	ALFRED U ALL CAMPUSES	ALFRED	NY	14802
008779	CORNELL U ALL CAMPUSES	ITHACA	NY	14853
008782	NEW YORK INST TECH ALL CAM	OLD WESTBURY	NY	11568
008784	PACE UNIVERSITY ALL CAM	NEW YORK	NY	10038
008788	SUNY SYS ALL INST	ALBANY	NY	12203
008795	ANTIOCH UNIVERSITY	YELLOW SPG	OH	45387
008796	BOWLING GRN ST U ALL CAM	BOWLING GREEN	OH	43403
008797	CUYAHOGA CC DISTRICT	CLEVELAND	OH	44115
008800	MIAMI UNIVERSITY ALL CAM	OXFORD	OH	45056
008802	OHIO STATE U ALL CAMPUSES	COLUMBUS	OH	43210
008803	OHIO U ALL CAMPUSES	ATHENS	OH	45701
008805	CINCINNATI ALL CAM,U OF	CINCINNATI	OH	45221
008808	OREGON ALL CAM,U OF	EUGENE	OR	97403
008810	INDIANA U OF PENNSYLVANIA	INDIANA	PA	15705

FICE	SCHOOL	CITY	ST	ZIP
008815	PITTSBURGH ALL CAM, U OF	PITTSBURGH	PA	15260
008819	SC ALL CAMPUSES,U OF	COLUMBIA	SC	29208
008821	TENNESSEE ALL CAM,U OF	KNOXVILLE	TN	37916
008854	NEW MEXICO ST U GRANTS BRANCH	GRANTS	NM	87020
008880	MORRISON INST OF TECHN	MORRISON	IL	61270
008895	SAN DIEGO CITY COLLEGE	SAN DIEGO	CA	92101
008898	TARRANT CO JUNIOR COLLEGE	FORT WORTH	TX	76102
008903	CANYONS,COLLEGE OF THE	VALENCIA	CA	91355
008906	MACOMB CO CC-SOUTH CAMPUS	WARREN	MI	48093
008918	SADDLEBACK CMTY COLLEGE	MISSION VIEJO	CA	92692
008976	CLAYTON JUNIOR COLLEGE	MORROW	GA	30260
008988	LURLEEN B WALLACE ST JC	ANDALUSIA	AL	36420
009007	COLORADO MOUNTAIN C	GLENWOOD SPG	CO	81602
009058	BETHEL COLLEGE	SAINT PAUL	MN	55112
009076	BERKELEY SCHOOL-HICKSVL	HICKSVILLE	NY	11801
009088	ITT TECHNICAL INSTITUTE	DAYTON	OH	45414
009092	MICHIGAN-ANN ARBOR,U	ANN ARBOR	MI	48109
009162	SAN ANTONIO DIST J C ALL CAM	SAN ANTONIO	TX	78284
009163	SAN ANTONIO COLLEGE	SAN ANTONIO	TX	78284
009167	WRIGHT ST U ALL CAMPUSES	DAYTON	OH	45435
009168	WRIGHT ST U	DAYTON	OH	45435
009185	OSCAR ROSE JUNIOR COLLEGE	MIDWEST CITY	OK	73110
009190	OREGON ST HI ED SYS OFFICE	EUGENE	OR	97403
009221	PHILLIPS COLLEGE	GULFPORT	MS	39501
009224	DEVRY INST TECHNOLOGY	ATLANTA	GA	30341
009225	TEXAS ST TECH HARLINGEN	HARLINGEN	TX	78551
009226	FRANCIS MARION COLLEGE	FLORENCE	SC	29501
009230	WAYNE COUNTY CMTY COLLEGE	DETROIT	MI	48226
009235	CLARION STATE C MAIN CAM	CLARION	PA	16214
009256	MORAINE PARK TECH INST	FOND DU LAC	WI	54935
009257	NORTHEAST WIS TECH INST	GREEN BAY	WI	54303
009258	WAUKESHA COUNTY TECH INST	PEWAUKEE	WI	53072
009265	ND STATE U MAIN CAMPUS	FARGO	ND	58105
009275	NORTHERN KY UNIVERSITY	HIGHLAND HTS	KY	41076
009322	WILLIAMSBURG TECH C	KINGSTREE	SC	29556
009332	STATE COMMUNITY COLLEGE	E SAINT LOUIS	IL	62201
009333	SANGAMON STATE UNIVERSITY	SPRINGFIELD	IL	62708
009344	RAMAPO C OF NEW JERSEY	MAHWAH	NJ	07430
009345	STOCKTON STATE COLLEGE	POMONA	NJ	08240
009401	ROCKMONT COLLEGE	DENVER	CO	80226
009407	BRIARWOOD COLLEGE	SOUTHINGTON	CT	06489
009430	TRI-COUNTY COMMUNITY C	MURPHY	NC	28906
009435	SOUTHERN JC OF BUSINESS	BIRMINGHAM	AL	35203
009543	RED ROCKS COMM COLLEGE	GOLDEN	CO	80401
009544	SPOKANE FLS CMTY COLLEGE	SPOKANE	WA	99204
009549	WESTERN TEXAS COLLEGE	SNYDER	TX	79549
009552	AMERICAN RIVER COLLEGE	SACRAMENTO	CA	95841
009553	MARYLAND ALL CAM,U OF	COLLEGE PARK	MD	20742
009554	SUNY AT BUFFALO ALL CAM	BUFFALO	NY	14214
009562	INDIANA STATE U CEN OFF	TERRE HAUTE	IN	47809
009563	INDIANA STATE U MAIN CAM	TERRE HAUTE	IN	47809
009621	WISCONSIN SCHOOL ELECS	MADISON	WI	53704

FICE	SCHOOL	CITY	ST	ZIP
009630	WISCONSIN OSHKOSH,U OF	OSHKOSH	WI	54901
009635	FLORIDA INTERNATIONAL U	MIAMI	FL	33199
009636	SOUTHERN U A & M C MAIN CAM	BATON ROUGE	LA	70813
009637	SOUTHERN U A&M C CEN OFF	BATON ROUGE	LA	70813
009642	TEXAS ST TECH INST CEN OFF	WACO	TX	76705
009651	LAREDO STATE UNIVERSITY	LAREDO	TX	78040
009684	BLUE RIDGE TECHNICAL C	FLAT ROCK	NC	28731
009704	NORTH SEATTLE CC	SEATTLE	WA	98103
009706	SEATTLE CC SOUTH CAMPUS	SEATTLE	WA	98106
009740	INVER HILLS CMTY COLLEGE	INVER GRV HTS	MN	55075
009741	TEXAS AT DALLAS,U OF	RICHARDSON	TX	75080
009743	BELLEVUE COLLEGE	BELLEVUE	NE	68005
009744	FOX VALLEY TECH INST	APPLETON	WI	54913
009757	DENVER CENTRAL OFF,CC OF	DENVER	CO	80218
009758	DENVER ALL CAM,CC OF	DENVER	CO	80218
009762	SOUTHERN MAINE, U OF	PORTLAND	ME	04103
009763	TULSA JUNIOR COLLEGE	TULSA	OK	74119
009764	TUNXIS COMMUNITY COLLEGE	FARMINGTON	CT	06032
009765	MOHEGAN COMMUNITY COLLEGE	NORWICH	CT	06360
009767	CITY C CHGO OLIVE-HARVEY	CHICAGO	IL	60628
009786	ILL ESTN LINCOLN TRAIL C	ROBINSON	IL	62454
009797	MIDLAND COLLEGE	MIDLAND	TX	79701
009841	NORTH FLORIDA,U OF	JACKSONVILLE	FL	32216
009896	OAKTON COMMUNITY COLLEGE	DES PLAINES	IL	60016
009903	VANCE-GRANVL CMTY COLLEGE	HENDERSON	NC	27536
009912	VOLUNTEER ST CMTY COLLEGE	GALLATIN	TN	37066
009914	ROANE STATE CMTY COLLEGE	HARRIMAN	TN	37748
009916	IND VOC TECH C CEN OFF	INDIANAPOLIS	IN	46206
009930	TEXAS PERMIAN BASIN,U OF	ODESSA	TX	79762
009932	TEXAS ST TECH SWEETWATER	SWEETWATER	TX	79556
009933	TEXAS ST TECH AMARILLO	AMARILLO	TX	79111
010020	LEWIS AND CLARK CC	GODFREY	IL	62035
010027	LIMA TECHNICAL COLLEGE	LIMA	OH	45804
010039	IND VOC TECH C-LAFAYETTE	LAFAYETTE	IN	47905
010051	CUNY LA GUARDIA CC	LONG IS CY	NY	11101
010060	VERNON REG JUNIOR COLLEGE	VERNON	TX	76384
010097	CUNY MEDGAR EVERS COLLEGE	BROOKLYN	NY	11225
010115	TEXAS SAN ANTONIO,U OF	SAN ANTONIO	TX	78285
010130	MISS WADES FASH COLLEGE	DALLAS	TX	75207
010139	DEVRY INST OF TECHNOLOGY	IRVING	TX	75062
010142	TOURO COLLEGE	NEW YORK	NY	10036
010176	WESTMORELAND COUNTY CC	YOUNGWOOD	PA	15697
010195	ART INST FT LAUDERDALE	FT LAUDERDALE	FL	33316
010256	BENEDICTINE COLLEGE	ATCHISON	KS	66002
010286	SUNY EMPIRE STATE COLLEGE	SARATOGA SPG	NY	12866
010299	SOUTH DAKOTA CEN OFFICE, U OF	VERMILLION	SD	57069
010306	CENTRAL NEW ENG C TECH	WORCESTER	MA	01610
010312	NEW MEXICO CEN OFF, U OF	ALBUQUERQUE	NM	87131
010313	NEW MEXICO MAIN CAM, U OF	ALBUQUERQUE	NM	87131
010328	BAUDER FASHION COLLEGE	ARLINGTON	TX	76010
010340	LOS MEDANOS COLLEGE	PITTSBURG	CA	94565
010345	CINCINNATI TECH COLLEGE	CINCINNATI	OH	45223

FICE	SCHOOL	CITY	ST	ZIP
010362	CLARK CO CMTY COLLEGE	LAS VEGAS	NV	89030
010364	WHATCOM CMTY COLLEGE	BELLINGHAM	WA	98225
010366	TEXAS A&M U MAIN CAMPUS	COLLEGE STA	TX	77843
010387	EL PASO CO CMTY COLLEGE	EL PASO	TX	79998
010388	READING AREA CMTY COLLEGE	READING	PA	19603
010390	HAWAII WINDWARD CC,U OF	KANEOHE	HI	96744
010391	SOUTH OKLA CTY JR COLLEGE	OKLAHOMA CITY	OK	73159
010392	LIBERTY BAPTIST COLLEGE	LYNCHBURG	VA	24506
010395	SAN DIEGO,UNIVERSITY OF	SAN DIEGO	CA	92110
010438	HASKELL INDIAN JR COLLEGE	LAWRENCE	KS	66044
010439	SHELBY STATE CMTY COLLEGE	MEMPHIS	TN	38104
010474	MARYMOUNT PALOS VERDES C	RNCHO PLS VRD	CA	90274
010494	CENTRAL PA BUS SCH	SUMMERDALE	PA	17093
010529	MEMPHIS THEOLOGICAL SEM	MEMPHIS	TN	38104
010530	QUINEBAUG VALLEY CC	DANIELSON	CT	06239
010633	HOUSTON COMMUNITY COLLEGE	HOUSTON	TX	77007
010684	ERIE CC CITY CAMPUS	BUFFALO	NY	14203
010687	OHIO ST U AGRL TECH INST	WOOSTER	OH	44691
010805	CINCIN CLERMNT GEN-TECH,U	BATAVIA	OH	45103
010818	AKRON WAYNE GEN-TECH C,U	ORRVILLE	OH	44667
010878	GANADO,COLLEGE OF	GANADO	AZ	86505
010879	RICHLAND CMTY COLLEGE	DECATUR	IL	62526
010881	STARK TECHNICAL COLLEGE	CANTON	OH	44720
010883	GATEWAY TECH INST	KENOSHA	WI	53141
010998	PENNSYLVANIA INST TECH	UPPER DARBY	PA	19082
011112	FASH INST DESIGN & MERCH	LOS ANGELES	CA	90017
011145	NORTH HARRIS CO COLLEGE	HOUSTON	TX	77073
011161	CORPUS CHRISTI STATE U	CORPUS CHRSTI	TX	78412
011195	RUTLEDGE COLLEGE	FAYETTEVILLE	NC	28301
011210	BUNKER HILL CMTY COLLEGE	BOSTON	MA	02129
011385	ATLANTIC,COLLEGE OF THE	BAR HARBOR	ME	04609
011387	DELAWARE STANTON-WILMINGTON	NEWARK	DE	19702
011460	NATIONAL UNIVERSITY	SAN DIEGO	CA	92108
011461	WESLEY COLLEGE	FLORENCE	MS	39073
011574	BAUDER FASHION COLLEGE	ATLANTA	GA	30326
011587	MCCARRIE SCHOOLS	PHILADELPHIA	PA	19107
011599	BAUDER C SPECIZING CAR ED	SACRAMENTO	CA	95825
011600	RUTLEDGE COLLEGE	GREENSBORO	NC	27401
011618	TEXAS HEALTH SCI CEN HOUSTON, U	HOUSTON	TX	77025
011644	MARYLAND UNIVERSITY C	COLLEGE PARK	MD	20742
011649	LOYOLA MARYMOUNT U	LOS ANGELES	CA	90045
011693	CORNELL U STATUTORY C	ITHACA	NY	14853
011711	HOUSTON CLEAR LAKE CITY,U	HOUSTON	TX	77058
011720	HOUSTON ALL CAMPUSES,U OF	HOUSTON	TX	77004
011721	HOUSTON CEN OFFICE,U OF	HOUSTON	TX	77023
011862	NORTHLAND PIONEER COLLEGE	HOLBROOK	AZ	86025
011930	ROXBURY COMMUNITY COLLEGE	ROXBURY	MA	02119
011941	AMERICAN C PUERTO RICO	BAYAMON	PR	00619
011950	CORCORAN SCHOOL OF ART	WASHINGTON	DC	20006
012014	NIELSEN ELECS INSTITUTE	CHARLESTON	SC	29405
012015	AUSTIN COMMUNITY COLLEGE	AUSTIN	TX	78768
012033	BOSSIER PARISH CC	BOSSIER CITY	LA	71111

FICE	SCHOOL	CITY	ST	ZIP
012044	BASIC INST TECHNOLOGY	SAINT LOUIS	MO	63116
012056	GEM CITY COLLEGE	QUINCY	IL	62301
012165	ATLANTA JUNIOR COLLEGE	ATLANTA	GA	30310
012179	DELAWARE TECH & CC WILMINGTON	WILMINGTON	DE	19801
012270	EDISON STATE CMTY COLLEGE	PIQUA	OH	45356
012300	PALMER C OF CHIROPRACTIC	DAVENPORT	IA	52803
012305	BRIGHAM YOUNG U ALL CAM	PROVO	UT	84602
012427	ERIE CC SOUTH CAMPUS	ORCHARD PARK	NY	14127
012452	EVERGREEN VALLEY COLLEGE	SAN JOSE	CA	95135
012470	BRYANT-STRATTON BUS INST	ROCHESTER	NY	14604
012550	LOS ANGELES MISSION C	SAN FERNANDO	CA	91340
012586	METROPOLITAN TECHNICAL CC	OMAHA	NE	68103
012693	STATE TECH INST KNOXVILLE	KNOXVILLE	TN	37919
012713	SAN JACINTO C NORTH CAM	HOUSTON	TX	77049
012748	SHAWNEE ST CMTY COLLEGE	PORTSMOUTH	OH	45662
012813	JOHN WOOD CMTY COLLEGE	QUINCY	IL	62301
012826	HOUSTON DOWNTOWN, U OF	HOUSTON	TX	77002
012842	OXNARD COLLEGE	OXNARD	CA	93033
012860	MISS CO CMTY COLLEGE	BLYTHEVILLE	AR	72315
012954	HUDSON CO CC COMMISSION	NORTH BERGEN	NJ	07047
013029	BORICUA COLLEGE	NEW YORK	NY	10032
013145	IND VOC TECH C-NTHWST	GARY	IN	46409
013176	SOUTHERN ARK U EL DORADO BR	EL DORADO	AR	71730
029001	KANSAS ALL CAMPUSES,U	LAWRENCE	KS	66045
029013	CONNECTICUT, U OF	STORRS	CT	06268
029032	SAN FRANCISCO CC DIST	SAN FRANCISCO	CA	94103
029036	NEW YORK SCH OF INTERIOR DESIGN	NEW YORK	NY	10022
029040	CUNY C OF STATEN ISLAND	STATEN ISLAND	NY	10301
029042	SAN JOSE CC DIST OFFICE	SAN JOSE	CA	95135
029053	WOR-WIC TECH CMTY COLLEGE	SALISBURY	MD	21801
029055	JOHN WESLEY COLLEGE	HIGH POINT	NC	27260
029066	NORTH LAKE COLLEGE	IRVING	TX	75062
029067	ALABAMA ALL INST, U OF	UNIVERSITY	AL	35486
029076	BECKER JC SYSTEM OFFICE	WORCESTER	MA	01609
029081	SAINT JOSEPH'S C SUFFOLK CAM	PATCHOGUE	NY	11772
029084	SOUTHERN CAL INST ARCH	SANTA MONICA	CA	90404
029087	NORTERN NEW MEXICO C C	EL RITO	NM	87530
029093	TANANA VLY CC	FAIRBANKS	AK	99701
029100	DISTRICT OF COLUMBIA, U OF	WASHINGTON	DC	20008
029101	ALLEGHENY CO C C NORTH CAM	PITTSBURGH	PA	15237
029106	VISTA COLLEGE	BERKELEY	CA	94704
029123	MORRIS JC OF BUSINESS	MELBOURNE	FL	32935
029124	CLARK COLLEGE	INDIANAPOLIS	IN	46202
029128	MISSION COLLEGE	SANTA CLARA	CA	95054
029136	SAN JACINTO C ALL CAM	PASADENA	TX	77505
029150	BROOKHAVEN COLLEGE	DALLAS	TX	75234
029151	YESHIVA U OF LOS ANGELES	LOS ANGELES	CA	90035
029164	TEXAS AT TYLER, U OF	TYLER	TX	75701
029170	GREATER NEW HAVEN TECH C	NORTH HAVEN	CT	06473
029187	ART INSTITUTE ATLANTA	ATLANTA	GA	30326
029189	ARKANSAS C TECHNOLOGY	LITTLE ROCK	AR	77207
029196	BROWN INSTITUTE	MINNEAPOLIS	MN	55406

FICE	SCHOOL	CITY	ST	ZIP
029200	LINCOLN TECHNICAL INST	ALLENTOWN	PA	18104
029206	ASHLAND COMMUNITY COLLEGE	ASHLAND	KY	41101
029207	ELIZABETHTOWN CMTY C	ELIZABETHTOWN	KY	42701
029211	JEFFERSON CMTY COLLEGE	LOUISVILLE	KY	40202
029214	MAYSVILLE CMTY COLLEGE	MAYSVILLE	KY	41056
029216	PRESTONBURG CMTY COLLEGE	PRESTONBURG	KY	41653
029232	WISCONSIN VOC TECH AD ED DIST	SHELL LAKE	WI	54871
029246	CUYAMACA COLLEGE	EL CAJON	CA	92020
029249	SUFFOLK CO CC ALL CAMPUS	SELDEN	NY	11784
029264	CLEVELAND INST ELECS	CLEVELAND	OH	44114
029269	E TX ST U TEXARKANA	TEXARKANA	TX	75501
029276	BRIARCLIFFE SECRL SCH	MINEOLA	NY	11501
029284	LOS ANGELES METRO C	LOS ANGELES	CA	90015
029289	EAST-WEST UNIVERSITY	CHICAGO	IL	60605
100012	SOUTHERN INSTITUTION	BIRMINGHAM	AL	35205
100107	GADSDEN BUSINESS COLLEGE INC	GADSDEN	AL	35901
100127	NORTH ALABAMA COLLEGE OF COMMERCE	HUNTSVILLE	AL	35800
100165	TWENTIETH CENTURY COLLEGE	MOBILE	AL	36601
100179	MASSEY-DRAUGHON COLLEGE	MONTGOMERY	AL	36102
101504	DRUID CITY HOSP SCH OF RADIOLOGIC TECHNOLOGY	TUSCALOOSA	AL	35401
109008	BESSEMER STATE TECHNICAL COLLEGE	BESSEMER	AL	35021
109029	REID STATE TECHNICAL COLLEGE	EVERGREEN	AL	36401
109033	ALABAMA TECHNICAL COLLEGE	GADSDEN	AL	35903
109047	CARVER STATE TECHNICAL COLLEGE	MOBILE	AL	36617
109049	SOUTHWEST STATE TECHNICAL COLLEGE	MOBILE	AL	36690
109055	PATTERSON STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36116
109056	TRENHOLM STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36108
110006	ALASKA BUSINESS COLLEGE	ANCHORAGE	AK	99503
120004	A B C WELDING SCHOOL	PHOENIX	AZ	85034
120018	ALLURE CAREER COLLEGE OF BEAUTY	TUCSON	AZ	85711
120022	ARIZONA AUTOMOTIVE INSTITUTE	GLENDALE	AZ	85301
120063	TUCSON COLLEGE OF BUSINESS	TUCSON	AZ	85716
120089	CHAPPAREL CAREER COLLEGE	TUCSON	AZ	85712
120107	ARIZONA COLLEGE OF MED & DENTAL CAREERS	TUCSON	AZ	85716
120179	STERLING SCHOOL	PHOENIX	AZ	85014
120189	ARIZONA COLLEGE OF TECHNOLOGY	WINKELMAN	AZ	85292
120197	PHOENIX INSTITUTE OF TECHNOLOGY	PHOENIX	AZ	85034
120226	AMERICAN TRICHOLOGY INSTITUTE	PHOENIX	AZ	85015
121553	PLAZA THREE INC	PHOENIX	AZ	85016
121561	MARICOPA COUNTY SKILL CENTER	PHOENIX	AZ	85004
126007	LAMSON BUSINESS COLLEGE	TUCSON	AZ	85701
126012	RON BAILIE SCHOOL OF BROADCASTING	PHOENIX	AZ	85012
126014	UNIVERSAL TECHNICAL INSTITUTE	PHOENIX	AZ	85017
130058	OPPORTUNITIES INDUSTRIALIZATION CENTER	LITTLE ROCK	AR	72206
130123	BROADWAY SCHOOL OF REAL ESTATE	LITTLE ROCK	AR	72202
139001	COTTON BOLL VOCATIONAL-TECHNICAL SCHOOL	BURDETTE	AR	72321
139012	PINES VOCATIONAL-TECHNICAL SCHOOL	PINE BLUFF	AR	71603
140020	INSTITUTE OF MEDICAL STUDIES	LOS ANGELES	CA	90057
140029	BAY VISTA COLLEGE OF BEAUTY	NATIONAL CITY	CA	92050
140041	BRYMAN SCHOOL	LOS ANGELES	CA	90017
140043	NATIONAL EDUCATION CENTER BRYMAN CAMPUS	SAN FRANCISCO	CA	94103
140045	BRYMAN SCHOOLS	TORRANCE	CA	90504

FICE	SCHOOL	CITY	ST	ZIP
140063	CALIFORNIA COLLEGE OF DENTAL TRAINING	LOS ANGELES	CA	90014
140079	CENTRAL CALIFORNIA COMMERCIAL COLLEGE	FRESNO	CA	93721
140083	COASTAL SCHOOL OF DEEP SEA DIVING INC	OAKLAND	CA	94601
140087	COLUMBIA SCHOOL OF BROADCASTING	HOLLYWOOD	CA	90028
140089	COMPTON BEAUTY COLLEGE	COMPTON	CA	90221
140095	CONTROL DATA INSTITUTE	ANAHEIM	CA	92801
140112	ELECTRONIC TECHNICAL INSTITUTE	SAN DIEGO	CA	92123
140143	GALEN COLLEGE OF MEDICAL & DENTAL ASSISTANTS	FRESNO	CA	93728
140147	GIBBS FLIGHT CENTER	SAN DIEGO	CA	92123
140206	DE LOUX SCHOOL OF COSMETOLOGY	LA MESA	CA	92041
140257	MONTEREY ACADEMY OF HAIR DESIGN	MONTEREY	CA	93940
140264	M T I WESTERN BUSINESS COLLEGE	SACRAMENTO	CA	95816
140301	ORANGE COUNTY BUSINESS COLLEGE	ANAHEIM	CA	92805
140304	PACIFIC COLLEGE OF MEDICAL & DENTAL ASSTS	SAN DIEGO	CA	92116
140311	WEBSTER CAREER COLLEGE	LOS ANGELES	CA	90012
140327	RICHARDS BEAUTY COLLEGE	ONTARIO	CA	91762
140348	SAWYER COLLEGE OF BUSINESS	PASADENA	CA	91106
140349	SAWYER COLLEGE OF BUSINESS	VAN NUYS	CA	91405
140360	SOUTHERN CAL C OF MED & DENT CAREERS	ANAHEIM	CA	92804
140375	VALLEY COMMERCIAL COLLEGE	MODESTO	CA	95354
140420	FASHION INSTITUTE	LOS ANGELES	CA	90017
141042	AMERICAN BUSINESS COLLEGE-TECHNICAL DIVISION	SAN DIEGO	CA	92115
141053	MARINELLO SCHOOL OF BEAUTY	SAN FRANCISCO	CA	94102
141089	OXNARD BEAUTY COLLEGE	OXNARD	CA	93030
141160	SAWYER COLLEGE OF BUSINESS	VENTURA	CA	93003
141216	VALLEY VOCATIONAL CENTER	LA PUENTE	CA	91744
141229	WINANS HAIR ACADEMY	WATSONVILLE	CA	95076
141538	SOUTH BAY COLLEGE OF BUSINESS	HAWTHORNE	CA	90250
141573	EAST LOS ANGELES OCCUPATIONAL CENTER	LOS ANGELES	CA	90033
141598	NORTH VALLEY OCCUPATIONAL CENTER	MISSION HILLS	CA	91345
141623	NORTHWEST COLLEGE OF MEDICAL & DENTAL ASSTS	POMONA	CA	91768
141685	HARBOR OCCUPATIONAL CENTER	WILMINGTON	CA	90744
141707	UKIAH ADULT SCHOOL	UKIAH	CA	95482
141713	MR DOMINICK'S SCHOOL OF HAIR DESIGN	WHITTIER	CA	90606
141763	LEIMERT PARK BEAUTY COLLEGE	LOS ANGELES	CA	90008
141828	ASSOCIATED TECHNICAL COLLEGE	LOS ANGELES	CA	90017
143075	COUNTRY CLUB COLLEGE OF HAIRSTYLING	RANCHO CORDOVA	CA	95670
143124	JOHN ADAMS COMMUNITY COLLEGE CTR	SAN FRANCISCO	CA	94117
143276	WESTERN COLLEGE OF ALLIED HEALTH CAREERS	SACRAMENTO	CA	95821
143381	CABRILLO SCHOOL OF NURSING	SAN DIEGO	CA	92115
143526	SAN FRANCISCO COMMUNITY COLLEGE	SAN FRANCISCO	CA	94103
146073	ADRIAN'S BEAUTY COLLEGE	MODESTO	CA	95350
146100	LUMBLEAU REAL ESTATE SCHOOL	LOS ANGELES	CA	90024
146118	PATRICIA STEVENS FASHION CAREER COLLEGE	SAN DIEGO	CA	92101
146184	J E BOUTIQUE COLLEGE OF BEAUTY	EL CAJON	CA	92021
146284	DE LOUX SCHOOL OF COSMETOLOGY	SAN FRANCISCO	CA	94122
146361	SAWYER SCHOOL	ANAHEIM	CA	92802
146439	MESA ARTS & TRADE COLLEGE	SAN DIEGO	CA	92101
148016	CITY COLLEGE OF SAN FRANCISCO	SAN FRANCISCO	CA	94112
149504	WOODRUFF REGIONAL OCCUPATIONAL CENTER	STOCKTON	CA	95203
151011	COLORADO INSTITUTE OF ART	DENVER	CO	80203
151018	DENVER INSTITUTE OF TECHNOLOGY	DENVER	CO	80221

FICE	SCHOOL	CITY	ST	ZIP
151550	SAN JUAN BASIN AREA VOCATIONAL SCHOOL	CORTEZ	CO	81321
157003	AMERICAN BEAUTY COLLEGE	GRAND JUNCTION	CO	81501
157005	DENVER AUTOMOTIVE AND DIESEL COLLEGE INC	DENVER	CO	80223
160038	NATIONAL ACADEMY OF HAIRDRESSING	STAMFORD	CT	06901
160100	SAINT VINCENTS MED CTR SCH OF RADIOLOGIC T	BRIDGEPORT	CT	06606
160101	SAINT MARYS HOSP SCH OF NURSING	WATERBURY	CT	06702
160120	CONNECTICUT STENOGRAPHIC INSTITUTE	NEW BRITAIN	CT	06051
160135	STONE SCHOOL OF BUSINESS	NEW HAVEN	CT	06511
160148	COMPUTER PROCESSING INSTITUTE	EAST HARTFORD	CT	06108
161507	HARVARD H ELLIS REGIONAL VOC-TECH SCHOOL	DANIELSON	CT	06239
169011	WHITNEY REGIONAL VOCATIONAL-TECHNICAL SCHOOL	HAMDEN	CT	06514
169016	PLATT REGIONAL VOCATIONAL-TECHNICAL SCHOOL	MILFORD	CT	06460
170019	NORTH AMERICAN TRAINING ACADEMY	NEWARK	DE	19713
180120	WASHINGTON SCHOOL FOR SECRETARIES	WASHINGTON	DC	20006
181509	WASHINGTON HOSPITAL CENTER SCH OF X-RAY TECHN	WASHINGTON	DC	20010
182222	D C SKILLS CENTER	WASHINGTON	DC	20002
186003	GEORGETOWN SCHOOL OF SCIENCE & ARTS LTD	WASHINGTON	DC	20007
188008	DISTRICT OF COLUMBIA-VAN NESS, U OF	WASHINGTON	DC	20008
189001	ARMSTRONG ADULT EDUCATION CENTER	WASHINGTON	DC	20001
190001	CHARRON WILLIAMS COLLEGE PARAMEDICAL DIVISION	MIAMI	FL	33130
190010	SOUTHERN COLLEGE	ORLANDO	FL	32807
190040	TAMPA TECHNICAL INSTITUTE	TAMPA	FL	33603
190079	BAUDER FASHION COLLEGE	MIAMI	FL	33131
190146	ORANGE MEMORIAL HOSPITAL SCH OF X-RAY TECHN	ORLANDO	FL	32806
191504	ASSOCIATED SCHOOLS,INC.	N MIAMI BEACH	FL	33162
191515	CHARRON WILLIAMS COLLEGE	MIAMI	FL	33130
191523	JACKSON MEMORIAL HOSPITAL SCHOOL OF NURSING	MIAMI	FL	33136
191694	FLORIDA COLLEGE OF MEDICAL AND DENTAL CAREERS	JACKSONVILLE	FL	32211
191735	RADIO ENGINEERING SCHOOLS	SARASOTA	FL	33577
191743	SOUTHEASTERN ACADEMY INC	KISSIMMEE	FL	32741
191768	GEORGE T BAKER AVIATION SCHOOL	MIAMI	FL	33142
199001	SAINT AUGUSTINE TECHNICAL CENTER	SAINT AUGUSTINE	FL	32084
199002	LINDSEY HOPKINS EDUCATIONAL CENTER	MIAMI	FL	33132
199005	MANATEE VOCATIONAL-TECHNICAL CENTER	BRADENTON	FL	33507
199013	LAKE COUNTY AREA VOCATIONAL-TECHNICAL CENTER	EUSTIS	FL	32726
199020	MID-FLORIDA TECHNICAL INSTITUTE	ORLANDO	FL	32809
199021	SHERIDAN VOCATIONAL CENTER	HOLLYWOOD	FL	33021
200002	AMERICAN COLLEGE FOR THE APPLIED ARTS	ATLANTA	GA	30328
200138	ATLANTA COLLEGE OF MEDICAL-DENTAL ASSTS	ATLANTA	GA	30309
200139	ATLANTA SCHOOL OF FASHION AND DESIGN	ATLANTA	GA	30309
200140	DEVRY INSTITUTE OF TECHNOLOGY	CHAMBLEE	GA	30341
200141	MASSEY BUSINESS COLLEGE	ATLANTA	GA	30301
200142	CONTROL DATA INSTITUTE	ATLANTA	GA	30315
201517	MEMORIAL MEDICAL CENTER SCH OF X-RAY TECHN	SAVANNAH	GA	31404
201580	ATLANTA COLLEGE OF BUSINESS	ATLANTA	GA	30309
209001	ALBANY AREA VOCATIONAL-TECHNICAL SCHOOL	ALBANY	GA	31701
209002	ATLANTA AREA TECHNICAL SCHOOL	ATLANTA	GA	30310
209005	DE KALB AREA VOC-TECH SCHOOL	CLARKSTON	GA	30021
209006	LANIER AREA VOCATIONAL-TECHNICAL SCHOOL	OAKWOOD	GA	30566
209009	ATHENS AREA VOCATIONAL-TECHNICAL SCHOOL	ATHENS	GA	30610
209013	GRIFFIN-SPALDING CO VOC-TECH SCHOOL	GRIFFIN	GA	30223
209014	MACON AREA VOCATIONAL-TECHNICAL SCHOOL	MACON	GA	31201

FICE	SCHOOL	CITY	ST	ZIP
209017	SAVANNAH AREA VOCATIONAL-TECHNICAL SCHOOL	SAVANNAH	GA	31401
209018	SWAINSBORO AREA VOCATIONAL-TECHNICAL SCHOOL	SWAINSBORO	GA	30401
209020	VALDOSTA AREA VOCATIONAL-TECHNICAL SCHOOL	VALDOSTA	GA	31601
209022	SOUTH GEORGIA VOCATIONAL-TECHNICAL SCHOOL	AMERICUS	GA	31709
210007	CANNON'S INTERNATIONAL BUSINESS COLLEGE	HONOLULU	HI	96813
211526	HAWAII SCHOOL OF BUSINESS	HONOLULU	HI	96817
211528	KENWAY SCHOOL OF ACCOUNTING	HONOLULU	HI	96826
230008	ALLIED INSTITUTE OF TECHNOLOGY	CHICAGO	IL	60650
230021	BLESSING HOSPITAL SCHOOL OF NURSING	QUINCY	IL	62301
230024	BROWNS CAREER COLLEGE	SPRINGFIELD	IL	62703
230025	BRYMAN SCHOOL	CHICAGO	IL	60603
230027	CAMEO SCHOOL OF BEAUTY CULTURE	OAK LAWN	IL	60453
230032	CARROLL TRAVEL SCHOOL	GLENVIEW	IL	60025
230058	DOREE SCHOOL OF BEAUTY CULTURE	RICHTON PARK	IL	60471
230094	INSURANCE SCHOOL OF CHICAGO	CHICAGO	IL	60604
230125	M S T A LEARNING CENTERS	CHICAGO	IL	60605
230133	NORTHWESTERN BUSINESS COLLEGE	CHICAGO	IL	60641
230154	SAINT JOHNS HOSPITAL SCHOOL OF NURSING	SPRINGFIELD	IL	62701
230155	SAINT JOSEPH HOSPITAL SCHOOL OF NURSING	JOLIET	IL	60435
230169	SPARKS COLLEGE	SHELBYVILLE	IL	62565
230193	TOM NOLEN'S CHRYSLER ACADEMY	DECATUR	IL	62523
230245	RAY VOGUE SCHOOLS OF DESIGN	CHICAGO	IL	60611
230282	AMERICAN INSTITUTE OF OCCUPATIONAL TRADES	CHICAGO	IL	60639
230291	CATHERINE SCOTT SECRETARIAL SCHOOL	CHICAGO	IL	60601
231531	ILLINOIS MASONIC MED CTR	CHICAGO	IL	60657
231558	PROVIDENT HOSPITAL SCHOOL OF X-RAY TECHNOLOGY	CHICAGO	IL	60615
231584	SOUTH CHICAGO COMM HOSPITAL RADIOLOGIC TECHN	CHICAGO	IL	60617
232450	TAYLOR BUSINESS INSTITUTE	CHICAGO	IL	60601
236007	AMERICAN INSTITUTE OF BANKING	CHICAGO	IL	60604
236016	BRYANT & STRATTON COLLEGE	CHICAGO	IL	60604
238012	CITY COLLEGE OF CHICAGO--MALCOLM X	CHICAGO	IL	60612
240096	PROFESSIONAL CAREERS INSTITUTES INC	INDIANAPOLIS	IN	46268
240302	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46224
240341	INDIANA BUSINESS COLLEGE	COLUMBUS	IN	47201
240353	INDIANA BUSINESS COLLEGE	TERRE HAUTE	IN	47807
240365	INDIANA COLLEGE OF COMMERCE	HAMMOND	IN	46323
240568	LINCOLN TECHNICAL INSTITUTE	INDIANAPOLIS	IN	46202
240604	MERRILLVILLE BEAUTY COLLEGE	MERRILLVILLE	IN	46410
241007	DON ROBERTS BEAUTY SCHOOLS	EAST CHICAGO	IN	46312
241506	I T T TECHNICAL INSTITUTE	FORT WAYNE	IN	46808
246008	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46219
246015	SAWYER COLLEGE OF BUSINESS	HAMMOND	IN	46320
249012	INDIANA VOC-TECH COLLEGE--NORTHWEST	GARY	IN	46409
250050	HAMILTON COLLEGE	MASON CITY	IA	50401
250093	CAPRI COSMETOLOGY COLLEGE	CEDAR RAPIDS	IA	52401
250135	SAINT LUKES HOSPITAL SCHOOL OF NURSING	CEDAR RAPIDS	IA	52402
251522	SAINT LUKE'S SCHOOL OF NURSING	SIOUX CITY	IA	51104
260089	WICHITA BUSINESS COLLEGE	GLENDALE	KS	85302
266002	ACADEMY OF HAIR DESIGN	SALINA	KS	67401
266022	CAPITOL CITY BARBER COLLEGE	TOPEKA	KS	66608
269003	FLINT HILL AREA VOC-TECH SCHOOL	EMPORIA	KS	66801
269006	KANSAS CITY AREA VOC-TECH SCHOOL	KANSAS CITY	KS	66104

FICE	SCHOOL	CITY	ST	ZIP
269011	NORTH CENTRAL KANSAS AREA VOC-TECH SCHOOL	BELOIT	KS	67420
270012	EZELL BEAUTY SCHOOL	MURRAY	KY	42071
271524	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40219
271525	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40206
279009	MAYO STATE VOC-TECH SCHOOL	PAINTSVILLE	KY	41240
279502	ELIZABETHTOWN COMMUNITY COLLEGE	ELIZABETHTOWN	KY	42701
280010	MEADOWS-DRAUGHON COLLEGE	NEW ORLEANS	LA	70119
280084	MOLER BEAUTY COLLEGE	NEW ORLEANS	LA	70119
280106	DELTA SCHOOL OF BUSINESS	BATON ROUGE	LA	70805
281523	WESTBANK BUSINESS COLLEGE	MARRERO	LA	70072
289012	HAMMOND AREA VOCATIONAL SCHOOL	HAMMOND	LA	70401
289030	T H HARRIS VOCATIONAL-TECHNICAL SCHOOL	OPELOUSAS	LA	70570
299009	KENNEBEC VALLEY VOCATIONAL-TECHNICAL INSTITUT	WATERVILLE	ME	04901
300140	LINCOLN TECHNICAL INSTITUTE	BALTIMORE	MD	21229
300266	MARYLAND DRAFTING INSTITUTE	HYATTSVILLE	MD	20783
301577	DIESEL INSTITUTE OF AMERICA	LANDOVER	MD	20785
310031	BROCKTON ACADEMY OF BEAUTY CULTURE	BROCKTON	MA	02401
310038	BRYMAN SCHOOL	BROOKLINE	MA	02146
310096	EXECUTIVE FLYERS AVIATION ACADEMY	BEDFORD	MA	01730
310144	LA BARON HAIRDRESSING ACADEMY	NEW BEDFORD	MA	02740
310211	NEW ENGLAND SCHOOL OF ART & DESIGN	BOSTON	MA	02116
310600	LEE INSTITUTE OF REAL ESTATE	BROOKLINE	MA	02139
311537	LYNN VOCATIONAL-TECHNICAL INSTITUTE	LYNN	MA	01902
313025	NEW ENGLAND BAPTIST HOSP SCH OF NURSING	BOSTON	MA	02120
316005	BOSTON BUSINESS SCHOOL	BOSTON	MA	02215
316011	BUTERA SCHOOL OF ART	BOSTON	MA	02116
320041	DETROIT BUSINESS INSTITUTE	DETROIT	MI	48226
320085	MERCY CENTRAL SCHOOL OF NURSING	GRAND RAPIDS	MI	49503
320088	MICHIGAN CAREER INSTITUTE	DETROIT	MI	48205
320133	SAINT JOSEPH HOSPITAL SCHOOL OF X-RAY TECHN	MOUNT CLEMENS	MI	48044
330016	CONTROL DATA INSTITUTE	MINNEAPOLIS	MN	55401
330029	DUNWOODY INDUSTRIAL INSTITUTE	MINNEAPOLIS	MN	55403
330075	MC CONNELL SCHOOL	MINNEAPOLIS	MN	55402
330089	MINNESOTA SCHOOL OF BUSINESS	MINNEAPOLIS	MN	55402
330100	NORTHWESTERN ELECTRONICS INSTITUTE	MINNEAPOLIS	MN	55406
330106	LOWTHIAN COLLEGE	MINNEAPOLIS	MN	55403
331558	NINE ONE SIX AREA VOC-TECH INST	SAINT PAUL	MN	55110
331604	RICHFIELD BEAUTY COLLEGE	MINNEAPOLIS	MN	55423
339010	ANOKA-HENNEPIN AREA VOCATIONAL-TECHNICAL INST	ANOKA	MN	55303
339011	DETROIT LAKES AREA VOCATIONAL-TECHNICAL INST	DETROIT LAKES	MN	56501
339013	MANKATO AREA VOCATIONAL-TECHNICAL INSTITUTE	NORTH MANKATO	MN	56001
339014	MOORHEAD AREA VOCATIONAL-TECHNICAL INSTITUTE	MOORHEAD	MN	56560
339015	BRAINERD AREA VOCATIONAL-TECHNICAL INSTITUTE	BRAINERD	MN	56401
339016	DAKOTA COUNTY AREA VOCATIONAL-TECHNICAL INST	ROSEMOUNT	MN	55068
339018	ALBERT LEA AREA VOCATIONAL-TECHNICAL INSTITUT	ALBERT LEA	MN	56007
339019	MINNEAPOLIS AREA VOCATIONAL-TECHNICAL INST	MINNEAPOLIS	MN	55404
339020	HENNEPIN TECHNICAL CENTERS	MINNEAPOLIS	MN	55427
339025	ROCHESTER AREA VOCATIONAL-TECHNICAL INST	ROCHESTER	MN	55901
339027	PINE TECHNICAL INST	PINE CITY	MN	55063
339028	PIPESTONE AREA VOCATIONAL-TECHNICAL INST	PIPESTONE	MN	56164
339029	SAINT PAUL VOCATIONAL-TECHNICAL INST	SAINT PAUL	MN	55102
339030	FARIBAULT AREA VOCATIONAL-TECHNICAL INSTITUTE	FARIBAULT	MN	55021

FICE	SCHOOL	CITY	ST	ZIP
339041	RED WING AREA VOCATIONAL-TECHNICAL INSTITUTE	RED WING	MN	55066
340010	DRAUGHON BUSINESS COLLEGE	JACKSON	MS	39205
340012	PHILLIPS COLLEGE	JACKSON	MS	39201
350002	CASTERS BEAUTY ACADEMY	SAINT JOSEPH	MO	64501
350039	KANSAS CITY BUSINESS COLLEGE	KANSAS CITY	MO	64106
350065	CAPE GIRARDEAU SCHOOL OF BEAUTY CULTURE	CAPE GIRARDEAU	MO	63701
350067	BELSAW INSTITUTE	KANSAS CITY	MO	64111
350079	BROWNS BUSINESS AND SECRETARIAL SCHOOL	SAINT LOUIS	MO	63044
350086	SANFORD-BROWN COLLEGE OF BUSINESS	SAINT ANN	MO	63074
350092	PLATT COLLEGE	SAINT JOSEPH	MO	64501
350100	CONTROL DATA INSTITUTE	SAINT LOUIS	MO	63108
350101	RANKEN TECHNICAL INSTITUTE	SAINT LOUIS	MO	63113
350105	KANSAS CITY COLLEGE OF MEDICAL & DENTAL ASSTS	KANSAS CITY	MO	64108
351521	NORTH KANSAS CITY MEM HOSP--RADIOLOGIC TECHN	KANSAS CITY	MO	64116
351545	BAILEY TECHNICAL SCHOOL	KANSAS CITY	MO	64137
356023	HICKEY SCHOOLS	SAINT LOUIS	MO	63117
359022	SOUTH CENTRAL AREA PRACTICAL NURSING SCHOOL	WEST PLAINS	MO	65775
359504	LINN TECHNICAL COLLEGE	LINN	MO	65051
359506	CAPE GIRARDEAU AREA VOCATIONAL SCHOOL	CAPE GIRARDEAU	MO	63701
366001	MR RICHS BEAUTY COLLEGE	MISSOULA	MT	59801
369001	HELENA VOCATIONAL-TECHNICAL CENTER	HELENA	MT	59601
369003	BUTTE VOCATIONAL TECHNICAL CENTER	BUTTE	MT	59701
369004	GREAT FALLS VOCATIONAL TECHNICAL CENTER	GREAT FALLS	MT	59405
370027	BISHOP CLARKSON MEMORIAL HOSP SCH OF NURSING	OMAHA	NE	68131
379501	NEBRASKA SCH OF TECH AG, U OF	CURTIS	NE	69025
400019	PLAZA SCHOOL	PARAMUS	NJ	07652
400026	DEVRY TECHNICAL INSTITUTE	WOODBRIDGE	NJ	07095
400050	CITTONE SCHOOL OF MACHINE SHORTHAND	EDISON	NJ	08817
400065	PAN AMERICAN BUSINESS SCHOOL	UNION CITY	NJ	07087
400069	ESSEX COLLEGE OF BUSINESS	NEWARK	NJ	07102
400091	ROBERTS WALSH BUSINESS SCHOOL	UNION	NJ	07083
400094	SAWYER SCHOOL OF BUSINESS	ELIZABETH	NJ	07208
400105	TAYLOR BUSINESS INST	BRIDGEVIEW	NJ	08807
400115	CAPRI INSTITUTE OF HAIR DESIGN	CLIFTON	NJ	07011
400136	PARISIAN BEAUTY ACADEMY	HACKENSACK	NJ	07601
400140	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	RED BANK	NJ	07701
400179	TETERBORO SCHOOL OF AERONAUTICS	TETERBORO	NJ	07608
400240	OVERLOOK HOSPITAL SCHOOL OF RADIOLOGIC TECHN	SUMMIT	NJ	07901
400258	SAINT PETERS MEDICAL CENTER SCH OF NURSING	NEW BRUNSWICK	NJ	08903
400274	ESSEX COUNTY TECHNICAL CAREER CENTER	NEWARK	NJ	07103
401505	COOPER MEDICAL CENTER SCH OF NURSING	CAMDEN	NJ	08103
401520	MORRIS COUNTY AREA VOCATIONAL TECHNICAL SCHOO	DENVILLE	NJ	07834
401522	MUHLENBERG HOSP SCH OF RADIOLOGIC TECHNOLOGY	PLAINFIELD	NJ	07061
401555	TAYLOR BUSINESS INSTITUTE	PARAMUS	NJ	07652
401588	UNION TECHNICAL INSTITUTE	EATONTOWN	NJ	07751
401590	LYONS INSTITUTE	CLARK	NJ	07066
406015	FIRST SCHOOL SECRETARIAL	EAST ORANGE	NJ	07018
409016	CAPE MAY COUNTY AREA VOC-TECH CENTER	CAPE MAY C H	NJ	08210
409018	NEWARK SKILLS CENTER	NEWARK	NJ	07104
410006	DE WOLFF COLLEGE HAIR STYLING & COSMETOLOGY	ALBUQUERQUE	NM	87110
410007	VO-TECH INSTITUTE	ALBUQUERQUE	NM	87192
419001	ALBUQUERQUE TECHNICAL-VOCATIONAL INSTITUTE	ALBUQUERQUE	NM	87106

FICE	SCHOOL	CITY	ST	ZIP
419005	LUNA AREA VOCATIONAL SCHOOL	LAS VEGAS	NM	87701
419500	SOUTHWESTERN INDIAN POLYTECHNIC INSTITUTE	ALBUQUERQUE	NM	87114
420254	FLUSHING HOSPITAL MED CENTER SCH OF NURSING	FLUSHING	NY	11355
420383	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	HEMPSTEAD	NY	11550
420384	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	NEW YORK	NY	10019
420404	MEDICAL AID TRAINING SCHOOL OF BROOKLYN	BROOKLYN	NY	11217
420425	MILLARD FILLMORE HOSPITAL SCH OF X-RAY TECHN	BUFFALO	NY	14209
420429	MODERN WELDING SCHOOL	SCHENECTADY	NY	12306
420467	NEW YORK BUSINESS SCHOOL	NEW YORK	NY	10018
420518	OUR LADY OF VICTORY SECRETARIAL SCHOOL	PLATTSBURGH	NY	12901
420623	SAMARITAN HOSPITAL SCHOOL OF NURSING	TROY	NY	12180
420671	TAYLOR BUSINESS INSTITUTE	HEMPSTEAD	NY	11550
420734	WESTCHESTER BUSINESS INSTITUTE	WHITE PLAINS	NY	10606
420817	NEW YORK SCHOOL OF COMPUTER TECHNOLOGY	NEW YORK	NY	10019
421561	CHAMPLAIN VALLEY MED CTR SCH OF X-RAY TECHN	PLATTSBURGH	NY	12901
421582	DRAKE BUSINESS SCHOOL	FLUSHING	NY	11355
421584	DRAKE BUSINESS SCHOOL	NEW YORK	NY	10038
421693	SUPERIOR CAREER INSTITUTE	NEW YORK	NY	10011
421763	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	NEW YORK	NY	10016
450035	BARBIZON SCHOOL OF MODELING	AKRON	OH	44313
450054	AULTMAN HOSPITAL SCHOOL OF RADIOLOGIC TECHN	CANTON	OH	44710
450065	RAEDEL COLLEGE AND SECRETARIAL SCHOOL	CANTON	OH	44702
450155	AIRCO TECHNICAL INSTITUTE	CLEVELAND	OH	44103
450157	ALLSTATE BARBER & HAIRSTYLING COLLEGE	CLEVELAND	OH	44113
450179	CLEVELAND INSTITUTE OF ELECTRONICS	CLEVELAND	OH	44114
450210	INSTITUTE OF COMPUTER MANAGEMENT	CLEVELAND	OH	44114
450325	OHIO STATE SCHOOL OF COSMETOLOGY	COLUMBUS	OH	43215
450426	GALLIPOLIS BUSINESS COLLEGE	GALLIPOLIS	OH	45631
450431	VOGUE BEAUTY ACADEMY	CLEVELAND	OH	44125
450469	LORAIN BUSINESS COLLEGE	LORAIN	OH	44055
450480	MANSFIELD BUSINESS COLLEGE	MANSFIELD	OH	44905
450554	HANNAH E MULLINS SCHOOL OF PRACTICAL NURSING	SALEM	OH	44460
450616	NATIONAL SCHOOL OF MEAT CUTTING	TOLEDO	OH	43604
450684	YOUNGSTOWN COLLEGE OF BUSINESS & PROF DRAFTIN	YOUNGSTOWN	OH	44501
450714	AUTOMATION ACADEMY	CLEVELAND	OH	44115
451622	TRUMBULL MEM HOSP SCH OF ANESTHESIOLOGY	WARREN	OH	44483
451625	CUYAHOGA COMMUNITY COLLEGE--EASTERN CAMPUS	WARRENSVEL TWP	OH	44122
456009	ELECTRONIC TECHNOLOGY INSTITUTE	CLEVELAND	OH	44103
456031	SAWYER COLLEGE OF BUSINESS	CLEVELAND	OH	44118
458010	CUYAHOGA COMMUNITY COLLEGE--METRO CAMPUS	CLEVELAND	OH	44115
458011	CUYAHOGA COMMUNITY COLLEGE--WESTERN CAMPUS	PARMA HEIGHTS	OH	44130
459137	DAYTON SCHOOL OF PRACTICAL NURSING	DAYTON	OH	45406
459140	LAKEWOOD SCHOOL OF PRACTICAL NURSING	LAKEWOOD	OH	44107
460023	EVE'S COLLEGE OF HAIR STYLING	LAWTON	OK	73501
460090	FULLERTON MODELING AGENCY & CASTING	OKLAHOMA CITY	OK	73121
460118	SOUTHWEST TECHNICAL COLLEGE	OKLAHOMA CITY	OK	73129
461503	W P WILLIS SKILL CENTER	TAHLEQUAH	OK	74464
461509	INDIAN MERIDIAN AREA VOC-TECH SCHOOL	STILLWATER	OK	74074
461536	KIAMICHI AREA VOCATIONAL-TECHNICAL SCHOOL	IDABEL	OK	74747
466017	BRYAN INSTITUTE	TULSA	OK	74119
469016	GORDON-COOPER AREA VOCATIONAL-TECHNICAL SCHOO	SHAWNEE	OK	74801
469505	GREAT PLAINS AREA VOCATIONAL-TECHNICAL SCHOOL	LAWTON	OK	73501

FICE	SCHOOL	CITY	ST	ZIP
470100	EXECUTIVE INSTITUTE OF HAIR DESIGN	PORTLAND	OR	97215
470173	ALBANY COLLEGE OF BEAUTY	ALBANY	OR	97321
480059	AMERICAN BUSINESS INSTITUTE	PHILADELPHIA	PA	19103
480081	ART INSTITUTE OF PITTSBURGH	PITTSBURGH	PA	15222
480135	BRADFORD SCHOOL	PITTSBURGH	PA	15222
480183	CENTRAL PENNSYLVANIA BUSINESS SCHOOL	SUMMERDALE	PA	17093
480228	COMPUTER SYSTEMS INSTITUTE	PITTSBURGH	PA	15222
480287	ELECTRONIC INSTITUTES	PITTSBURGH	PA	15217
480310	EMPIRE BEAUTY SCHOOL INC	POTTSVILLE	PA	17901
480312	EMPIRE BEAUTY SCHOOL	SCRANTON	PA	18503
480325	FAYETTE INSTITUTE OF COMMERCIAL TECHNOLOGY	UNIONTOWN	PA	15401
480348	GATEWAY TECHNICAL INSTITUTE	PITTSBURGH	PA	15222
480526	JAMESON MEMORIAL HOSPITAL SCHOOL OF NURSING	NEW CASTLE	PA	16101
480629	MEDIAN SCHOOL	PITTSBURGH	PA	15222
480767	PHILADELPHIA SCHOOL OF OFFICE TRAINING	PHILADELPHIA	PA	19103
480772	PHILADELPHIA TECHNICAL INSTITUTE SCH OF TRADE	PHILADELPHIA	PA	19107
480773	PHILADELPHIA TRAINING CENTER	PHILADELPHIA	PA	19103
480853	SAWYER SCHOOL	PITTSBURGH	PA	15222
480878	SHENAGO VALLEY COMMERCIAL INSTITUTE	SHARON	PA	16146
480963	STROUDSBURG SCHOOL OF COSMETOLOGY	STROUDSBURG	PA	18360
480993	TRI-CITY BARBER SCHOOL	PHILADELPHIA	PA	19141
481031	WASHINGTON HOSPITAL SCHOOL OF NURSING	WASHINGTON	PA	15301
481052	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	PHILADELPHIA	PA	19103
481060	WILMA BOYD CAREER SCHOOL	PITTSBURGH	PA	15219
481532	COMMUNITY COLLEGE OF ALLEGHENY COUNTY	PITTSBURGH	PA	15237
481535	CONNELLEY SKILL LEARNING CENTER	PITTSBURGH	PA	15219
481550	FRANKLIN COUNTY AREA VOC-TECH SCH PRAC NRSG	CHAMBERSBURG	PA	17201
481561	HAMOT MEDICAL CENTER SCHOOL OF ANESTHESIA	ERIE	PA	16512
481582	MC KEESPORT HOSPITAL SCHOOL OF X-RAY TECHN	MC KEESPORT	PA	15132
481599	NATIONAL SCHOOL OF HEALTH TECHNOLOGY	PHILADELPHIA	PA	19103
481738	INTERNATIONAL CORRESPONDENCE SCHOOLS	SCRANTON	PA	18515
481759	AIRCO TECHNICAL INSTITUTE	PITTSBURGH	PA	15212
488560	OPPORTUNITIES INDUSTRIALIZATION CENTER	PHILADELPHIA	PA	19122
489515	LAWRENCE COUNTY AREA VOC-TECH SCHOOL	NEW CASTLE	PA	16101
490026	KATHARINE GIBBS SCHOOL	PROVIDENCE	RI	02906
500041	RUTLEDGE COLLEGE	GREENVILLE	SC	29607
500048	COLUMBIA JUNIOR COLLEGE OF BUSINESS	COLUMBIA	SC	29201
509012	WILLIAMSBURG TECHNICAL COLLEGE	KINGSTREE	SC	29556
510019	NETTLETON COMMERCIAL COLLEGE	SIOUX FALLS	SD	57102
510035	STEWART SCHOOL OF HAIRSTYLING	ABERDEEN	SD	57401
519001	LAKE AREA VOC-TECH INSTITUTE	WATERTOWN	SD	57201
520028	AMERICAN COLLEGE	MEMPHIS	TN	38114
520031	MILLER-HAWKINS BUSINESS COLLEGE	MEMPHIS	TN	38104
520039	NASHVILLE AUTO DIESEL COLLEGE	NASHVILLE	TN	37206
520073	ANN'S BEAUTY SCHOOL	GALLATIN	TN	37066
520206	TENNESSEE SCH PRACTICAL NURSING	MARYVILLE	TN	37801
520269	MID-SOUTH BEAUTY ACADEMY	CHATTANOOGA	TN	37407
520402	JESSE H JONES HOSPITAL SCH OF PRACTICAL NURSE	SPRINGFIELD	TN	37172
521504	BAPTIST MEMORIAL HOSPITAL SCHOOL OF NURSING	MEMPHIS	TN	38104
526015	MEMPHIS SKILLS CENTER	MEMPHIS	TN	38105
529007	COVINGTON STATE AREA VOC-TECH SCHOOL	COVINGTON	TN	38019
529008	CROSSVILLE STATE AREA VOC-TECH SCHOOL	CROSSVILLE	TN	38555

FICE	SCHOOL	CITY	ST	ZIP
590129	MANPOWER BUSINESS TRAINING INSTUTUTE	MILWAUKEE	WI	53203
599002	WISCONSIN INDIANHEAD TECHNICAL INSTITUTE	ASHLAND	WI	54806
599003	MORAINE PARK TECHNICAL INSTITUTE	BEAVER DAM	WI	53916
599504	MILWAUKEE AREA TECHNICAL COLLEGE	OAK CREEK	WI	53154
599506	MILWAUKEE AREA TECHNICAL COLLEGE	MILWAUKEE	WI	53203
641502	MIGUEL SUCH METROPLOITAN VOCATIONAL SCHOOL	RIO PIEDRAS	RQ	00931
800008	AMERICAN COLLEGE IN PARIS	FRANCE	RE	
800011	AMERICAN INST FOR FOREIGN SCH	ITALY	RE	
800014	AMERICAN UNIVERSITY IN CAIRO	EGYPT	RE	
800017	UNIV. NATIONAL OF HONDURAS	HONDURAS	RE	
800021	J. NEHRU UNIVERSITY	INDIA	RE	
800022	JERUSALEM INSTITUTE	ISRAEL	RE	
800023	UNIVERSITY OF MONTERREY	MEXICO	RE	
800024	PREPARATORY #2	MEXICO	RE	
800029	ASO VUXEN GYMNASIUM	SWEDEN	RE	
800031	DAWSON COLLEGE	CANADA	RE	
800034	ALIANZA FRANCESA	MEXICO	RE	
800035	UNIV. CATOLICA MADRE Y MAESTRA	DOMINICAN REPUB	RE	
800036	IUT OF STRASBOURG	FRANCE	RE	
800037	JERUSALEM TORAH COLLEGE	ISRAEL	RE	
800047	LONDON POLYTECHNIC	ENGLAND	RE	
800052	HAIFA UNIVERSITY	ISRAEL	RE	
800054	STOCKHOLM SCHOOL OF ECONOMICS	SWEDEN	RE	
800055	KINGS COLLEGE OF THE STRAND	ENGLAND	RE	
800059	CITY UNIVERSITY	ENGLAND	RE	
800061	EUROCENTE	FRANCE	RE	
800062	ST. LUCIA SCHOOL OF MEDICINE, UNIV. OF	WEST INDIES	RE	
800067	RICHMOND COLLEGE - KENNSINGTON CAMPUS	ENGLAND	RE	
800078	UNIVERSITE DE PARIS	FRANCE	RE	
800099	CAEN, UNIVERSITY OF	FRANCE	RE	
800102	DOSHISHA UNIVERSITY	JAPAN	RE	

FICE	SCHOOL	CITY	ST	ZIP
529019	STATE AREA VOCATIONAL-TECHNICAL SCHOOL	KNOXVILLE	TN	37919
529031	NASHVILLE STATE AREA VOCATIONAL-TECHNICAL SCH	NASHVILLE	TN	37209
529038	JACKSBORO STATE AREA VOCATIONAL-TECHNICAL SCH	JACKSBORO	TN	37757
529050	SEA ISLE VOCATIONAL TECHNICAL CENTER	MEMPHIS	TN	38117
529501	PARIS STATE AREA VOCATIONAL-TECHNICAL SCHOOL	PARIS	TN	38242
530115	FASHION & ART INSTITUTE OF DALLAS	DALLAS	TX	75207
530123	EASONS INSTITUTE OF TECHNOLOGY	SAN ANTONIO	TX	78205
530197	LUBBOCK BARBER COLLEGE	LUBBOCK	TX	79410
530231	FORT WORTH SCHOOL OF BUSINESS	FORT WORTH	TX	76107
530248	DURHAM COLLEGE	SAN ANTONIO	TX	78212
530251	INTERNATIONAL BUSINESS COLLEGE	EL PASO	TX	79901
530263	NIXON-CLAY COMMERCIAL COLLEGE	AUSTIN	TX	78767
531553	HUNTSVILLE MEMORIAL HOSPITAL SCH VOC NURSING	HUNTSVILLE	TX	77340
531593	WICHITA FALLS SCHOOL OF VOCATIONAL NURSING	WICHITA FALLS	TX	76301
531614	SOUTHWEST SCHOOL OF MEDICAL ASSISTANTS	SAN ANTONIO	TX	78205
531650	TARRANT CITY JUNIOR COLLEGE--NORTHEAST CAMPUS	HURST	TX	76053
531774	TARRANT COUNTY JUNIOR COLLEGE--NORTHWEST CAMP	FORT WORTH	TX	76106
533358	TARRANT COUNTY JUNIOR COLLEGE--SOUTH CAMPUS	FORT WORTH	TX	76102
536023	BRANIFF EDUCATIONAL SYSTEM	DALLAS	TX	75235
536031	DALLAS COURT REPORTING COLLEGE	DALLAS	TX	75247
536100	SAN ANTONIO TRADE SCHOOL	SAN ANTONIO	TX	78210
536115	TEXAS SOUTHMOST COLLEGE	BROWNSVILLE	TX	78520
536127	EL PASO TRADE SCHOOL	EL PASO	TX	79901
539008	TEXAS A & M UNIVERSITY--EXTENSION	COLLEGE STATION	TX	77843
539085	SAN ANTONIO COLLEGE OF MED-DENTAL ASSISTANTS	SAN ANTONIO	TX	78201
540053	INTERNATIONAL INSTITUTE OF HAIR DESIGN	MIDVALE	UT	84047
560022	NORTHERN VIRGINIA BUSINESS COLLEGE	FALLS CHURCH	VA	22042
560124	COMMONWEALTH COLLEGE	VIRGINIA BEACH	VA	23452
560231	ELECTRONIC COMPUTER PROGRAMMING INSTITUTE	NORFOLK	VA	23502
560240	NORFOLK COLLEGE	NORFOLK	VA	23510
560242	KEES BUSINESS COLLEGE	NORFOLK	VA	23513
560320	RUTLEDGE COLLEGE	RICHMOND	VA	23220
560627	PHILLIPS BUSINESS COLLEGE	LYNCHBURG	VA	24505
561522	RIVERSIDE HOSPITAL SCH OF PROF NURSING	NEWPORT NEWS	VA	23601
570030	BURNLEY SCHOOL OF PROFESSIONAL ART	SEATTLE	WA	98122
570111	GRIFFIN BUSINESS COLLEGE	SEATTLE	WA	98121
570124	J M PERRY INSTITUTE	YAKIMA	WA	98903
570187	NATIONAL BARBER COLLEGE	TACOMA	WA	98499
571016	GLEN DOW ACADEMY OF HAIR DESIGN	SPOKANE	WA	99201
571509	G & L SCHOOL OF BEAUTY	SUNNYSIDE	WA	98944
572007	I T T SCHOOL OF BUSINESS	SEATTLE	WA	98109
576012	CASCADE COLLEGE OF COMMERCE	BELLINGHAM	WA	98225
579002	BELLINGHAM VOCATIONAL-TECHNICAL SCHOOL	BELLINGHAM	WA	98225
579003	CLOVER PARK VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98499
579501	BATES VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98405
580059	WEST VIRGINIA CAREER COLLEGE	MORGANTOWN	WV	26505
589005	HAMPSHIRE COUNTY CAREER TRAINING CENTER	ROMNEY	WV	26757
589010	MERCER COUNTY VOCATIONAL-TECHNICAL CENTER	PRINCETON	WV	24740
590052	AMERICAN BEAUTY COLLEGE	RACINE	WI	53403
590062	IBA CITY COLLEGE	APPLETON	WI	54911
590080	PATRICIA STEVENS CAREER COLLEGE	MILWAUKEE	WI	53201
590103	MILWAUKEE STRATTON COLLEGE	MILWAUKEE	WI	53202

APPENDIX C: Postsecondary School Codes in Alphabetical Order

INSTITUTIONS IN THE HS&B POSTSECONDARY SCHOOL TRANSCRIPT SURVEY
BY SCHOOL NAME

FICE	SCHOOL	CITY	ST	ZIP
120004	A B C WELDING SCHOOL	PHOENIX	AZ	85034
003537	ABILENE CHRSTN UNIVERSITY	ABILENE	TX	79699
001541	ABRAHAM BALDWIN AGRL C	TIFTON	GA	31793
266002	ACADEMY OF HAIR DESIGN	SALINA	KS	67401
001345	ADAMS STATE COLLEGE	ALAMOSA	CO	81102
002666	ADELPHI UNIVERSITY	GARDEN CITY	NY	11530
002234	ADRIAN COLLEGE	ADRIAN	MI	49221
146073	ADRIAN'S BEAUTY COLLEGE	MODESTO	CA	95350
007582	AIMS COMMUNITY COLLEGE	GREELEY	CO	80631
450155	AIRCO TECHNICAL INSTITUTE	CLEVELAND	OH	44103
481759	AIRCO TECHNICAL INSTITUTE	PITTSBURGH	PA	15212
003123	AKRON MAIN CAMPUS,U OF	AKRON	OH	44325
010818	AKRON WAYNE GEN-TECH C,U	ORRVILLE	OH	44667
001002	ALABAMA A & M UNIVERSITY	NORMAL	AL	35762
029067	ALABAMA ALL INST, U OF	UNIVERSITY	AL	35486
001003	ALABAMA CHRISTIAN COLLEGE	MONTGOMERY	AL	36109
001052	ALABAMA IN BIRMINGHAM,U	BIRMINGHAM	AL	35294
001005	ALABAMA STATE UNIVERSITY	MONTGOMERY	AL	36195
008004	ALABAMA SYS OFFICE, U OF	UNIVERSITY	AL	35486
109033	ALABAMA TECHNICAL COLLEGE	GADSDEN	AL	35903
008306	ALAMEDA,COLLEGE OF	ALAMEDA	CA	94501
110006	ALASKA BUSINESS COLLEGE	ANCHORAGE	AK	99503
001066	ALASKA KENAI CC, U OF	SOLDOTHNA	AK	99669
001063	ALASKA U FAIRBANKS CAMPUS	FAIRBANKS	AK	99701
002996	ALASKA U SOUTHEASTERN ALL CAM	WAHPETON	ND	58075
209001	ALBANY AREA VOCATIONAL-TECHNICAL SCHOOL	ALBANY	GA	31701
004749	ALBANY BUSINESS COLLEGE	ALBANY	NY	12210
470173	ALBANY COLLEGE OF BEAUTY	ALBANY	OR	97321
001544	ALBANY STATE COLLEGE	ALBANY	GA	31705
339018	ALBERT LEA AREA VOCATIONAL-TECHNICAL INSTITUT	ALBERT LEA	MN	56007
001374	ALBERTUS MAGNUS COLLEGE	NEW HAVEN	CT	06511
002235	ALBION COLLEGE	ALBION	MI	49224
419001	ALBUQUERQUE TECHNICAL-VOCATIONAL INSTITUTE	ALBUQUERQUE	NM	87106
002662	ALBUQUERQUE,UNIVERSITY OF	ALBUQUERQUE	NM	87140
002396	ALCORN STATE UNIVERSITY	LORMAN	MS	39096
003806	ALDERSON BROADDUS COLLEGE	PHILIPPI	WV	26416
001007	ALEXANDER CITY STATE JC	ALEXANDER CY	AL	35010
008775	ALFRED U ALL CAMPUSES	ALFRED	NY	14802
002668	ALFRED UNIVERSITY	ALFRED	NY	14802
800034	ALIANZA FRANCESA	MEXICO	RE	
001951	ALICE LLOYD COLLEGE	PIPPA PASSES	KY	41844
001111	ALLAN HANCOCK COLLEGE	SANTA MARIA	CA	93454
002057	ALLEGANY CMTY COLLEGE	CUMBERLAND	MD	21502
004052	ALLEGHENY CO BOYCE CAM,CC	MONROEVILLE	PA	15146
029101	ALLEGHENY CO C C NORTH CAM	PITTSBURGH	PA	15237
003231	ALLEGHENY CO CEN OFF,CC	PITTSBURGH	PA	15222
007184	ALLEGHENY CO SOUTH CAM,CC	WEST MIFFLIN	PA	15122
003230	ALLEGHENY COLLEGE	MEADVILLE	PA	16335
003417	ALLEN UNIVERSITY	COLUMBIA	SC	29204
230008	ALLIED INSTITUTE OF TECHNOLOGY	CHICAGO	IL	60650
450157	ALLSTATE BARBER & HAIRSTYLING COLLEGE	CLEVELAND	OH	44113
120018	ALLURE CAREER COLLEGE OF BEAUTY	TUCSON	AZ	85711

FICE	SCHOOL	CITY	ST	ZIP
002236	ALMA COLLEGE	ALMA	MI	48801
003539	ALVIN COMMUNITY COLLEGE	ALVIN	TX	77511
003540	AMARILLO COLLEGE	AMARILLO	TX	79178
007465	AMERICAN ACAD DRAMATIC ARTS	NEW YORK	NY	10016
157003	AMERICAN BEAUTY COLLEGE	GRAND JUNCTION	CO	81501
590052	AMERICAN BEAUTY COLLEGE	RACINE	WI	53403
141042	AMERICAN BUSINESS COLLEGE-TECHNICAL DIVISION	SAN DIEGO	CA	92115
480059	AMERICAN BUSINESS INSTITUTE	PHILADELPHIA	PA	19103
011941	AMERICAN C PUERTO RICO	BAYAMON	PR	00619
520028	AMERICAN COLLEGE	MEMPHIS	TN	38114
200002	AMERICAN COLLEGE FOR THE APPLIED ARTS	ATLANTA	GA	30328
800008	AMERICAN COLLEGE IN PARIS	FRANCE	RE	
800011	AMERICAN INST FOR FOREIGN SCH	ITALY	RE	
236007	AMERICAN INSTITUTE OF BANKING	CHICAGO	IL	60604
230282	AMERICAN INSTITUTE OF OCCUPATIONAL TRADES	CHICAGO	IL	60639
002114	AMERICAN INTRNATL COLLEGE	SPRINGFIELD	MA	01109
009552	AMERICAN RIVER COLLEGE	SACRAMENTO	CA	95841
120226	AMERICAN TRICHOLOGY INSTITUTE	PHOENIX	AZ	85015
001434	AMERICAN UNIVERSITY	WASHINGTON	DC	20016
800014	AMERICAN UNIVERSITY IN CAIRO	EGYPT	RE	
002115	AMHERST COLLEGE	AMHERST	MA	01002
001064	ANCHORAGE COMMUNITY COLLEGE	ANCHORAGE	AK	99504
001784	ANCILLA DOMINI COLLEGE	DONALDSON	IN	46513
001785	ANDERSON COLLEGE	ANDERSON	IN	46011
002238	ANDREWS UNIVERSITY	BERRIEN SPG	MI	49104
006661	ANGELINA COLLEGE	LUFKIN	TX	75901
003541	ANGELO STATE UNIVERSITY	SAN ANGELO	TX	76909
520073	ANN'S BEAUTY SCHOOL	GALLATIN	TN	37066
002058	ANNE ARUNDEL CMTY COLLEGE	ARNOLD	MD	21012
339010	ANOKA-HENNEPIN AREA VOCATIONAL-TECHNICAL INST	ANOKA	MN	55303
002332	ANOKA-RAMSEY CMTY COLLEGE	COON RAPIDS	MN	55433
007985	ANSON TECHNICAL COLLEGE	ANSONVILLE	NC	28007
008795	ANTIOCH UNIVERSITY	YELLOW SPG	OH	45387
007430	ANTONELLI SCH OF PHOTOGRAPHY INC	PHILADELPHIA	PA	19105
007544	APPALACHIAN BIBLE COLLEGE	BRADLEY	WV	25818
002906	APPALACHIAN ST UNIVERSITY	BOONE	NC	28608
002239	AQUINAS COLLEGE	GRAND RAPIDS	MI	49506
003477	AQUINAS JUNIOR COLLEGE	NASHVILLE	TN	37205
001346	ARAPAHOE CMTY COLLEGE	LITTLETON	CO	80120
120022	ARIZONA AUTOMOTIVE INSTITUTE	GLENDALE	AZ	85301
120107	ARIZONA COLLEGE OF MED & DENTAL CAREERS	TUCSON	AZ	85716
120189	ARIZONA COLLEGE OF TECHNOLOGY	WINKELMAN	AZ	85292
001081	ARIZONA STATE UNIVERSITY	TEMPE	AZ	85287
001071	ARIZONA WESTERN COLLEGE	YUMA	AZ	85364
001083	ARIZONA,UNIVERSITY OF	TUCSON	AZ	85721
001101	ARKANSAS AT LITTLE ROCK, U OF	LITTLE ROCK	AR	72204
029189	ARKANSAS C TECHNOLOGY	LITTLE ROCK	AR	77207
001088	ARKANSAS COLLEGE	BATESVILLE	AR	72501
001108	ARKANSAS MAIN CAMPUS,U OF	FAYETTEVILLE	AR	72701
001086	ARKANSAS PINE BLUFF,U OF	PINE BLUFF	AR	71601
008006	ARKANSAS STATE U CEN OFF	STATE UNIV	AR	72467
001090	ARKANSAS STATE UNIV MAIN CAMPUS	STATE UNIV	AR	72467

FICE	SCHOOL	CITY	ST	ZIP
001089	ARKANSAS TECH UNIVERSITY	RUSSELLVILLE	AR	72801
001085	ARKANSAS-MONTICELLO,U OF	MONTICELLO	AR	71655
189001	ARMSTRONG ADULT EDUCATION CENTER	WASHINGTON	DC	20001
001546	ARMSTRONG STATE COLLEGE	SAVANNAH	GA	31406
001116	ART CTR COLLEGE OF DESIGN	PASADENA	CA	91103
010195	ART INST FT LAUDERDALE	FT LAUDERDALE	FL	33316
008350	ART INST PHILADELPHIA	PHILADELPHIA	PA	19103
029187	ART INSTITUTE ATLANTA	ATLANTA	GA	30326
480081	ART INSTITUTE OF PITTSBURGH	PITTSBURGH	PA	15222
007470	ART INSTITUTE PITTSBURGH	PITTSBURGH	PA	15222
003012	ASHLAND COLLEGE	ASHLAND	OH	44805
029206	ASHLAND COMMUNITY COLLEGE	ASHLAND	KY	41101
800029	ASO VUXEN GYMNASIUM	SWEDEN	RE	
191504	ASSOCIATED SCHOOLS,INC.	N MIAMI BEACH	FL	33162
141828	ASSOCIATED TECHNICAL COLLEGE	LOS ANGELES	CA	90017
209009	ATHENS AREA VOCATIONAL-TECHNICAL SCHOOL	ATHENS	GA	30610
209002	ATLANTA AREA TECHNICAL SCHOOL	ATLANTA	GA	30310
201580	ATLANTA COLLEGE OF BUSINESS	ATLANTA	GA	30309
200138	ATLANTA COLLEGE OF MEDICAL-DENTAL ASSTS	ATLANTA	GA	30309
012165	ATLANTA JUNIOR COLLEGE	ATLANTA	GA	30310
200139	ATLANTA SCHOOL OF FASHION AND DESIGN	ATLANTA	GA	30309
002908	ATLANTIC CHRISTIAN C	WILSON	NC	27893
011385	ATLANTIC,COLLEGE OF THE	BAR HARBOR	ME	04609
008310	AUBURN U AT MONTGOMERY	MONTGOMERY	AL	36117
001009	AUBURN U MAIN CAMPUS	AUBURN	AL	36849
002334	AUGSBURG COLLEGE	MINNEAPOLIS	MN	55454
001633	AUGUSTANA COLLEGE	ROCK ISLAND	IL	61201
003458	AUGUSTANA COLLEGE	SIOUX FALLS	SD	57197
450054	AULTMAN HOSPITAL SCHOOL OF RADIOLOGIC TECHN	CANTON	OH	44710
001634	AURORA COLLEGE	AURORA	IL	60507
003543	AUSTIN COLLEGE	SHERMAN	TX	75090
012015	AUSTIN COMMUNITY COLLEGE	AUSTIN	TX	78768
003478	AUSTIN PEAY ST UNIVERSITY	CLARKSVILLE	TN	37040
450714	AUTOMATION ACADEMY	CLEVELAND	OH	44115
002449	AVILA COLLEGE	KANSAS CITY	MO	64145
001117	AZUSA PACIFIC COLLEGE	AZUSA	CA	91702
002121	BABSON COLLEGE	BABSON PARK	MA	02157
003147	BACONE COLLEGE	MUSKOGEE	OK	74401
351545	BAILEY TECHNICAL SCHOOL	KANSAS CITY	MO	64137
004673	BAKER JUNIOR COLLEGE BUS	FLINT	MI	48507
001903	BAKER UNIVERSITY	BALDWIN CITY	KS	66006
001118	BAKERSFIELD COLLEGE	BAKERSFIELD	CA	93305
003014	BALDWIN-WALLACE COLLEGE	BEREA	OH	44017
001786	BALL STATE UNIVERSITY	MUNCIE	IN	47306
002061	BALTIMORE,CMTY COLLEGE OF	BALTIMORE	MD	21215
002670	BAPT BIBLE C-SCH THEOL	CLARKS SUMMIT	PA	18411
003419	BAPTIST C AT CHARLESTOWN	CHARLESTON	SC	29411
521504	BAPTIST MEMORIAL HOSPITAL SCHOOL OF NURSING	MEMPHIS	TN	38104
001635	BARAT COLLEGE	LAKE FOREST	IL	60045
002909	BARBER-SCOTIA COLLEGE	CONCORD	NC	28025
450035	BARBIZON SCHOOL OF MODELING	AKRON	OH	44313
002671	BARD COLLEGE	ANNANDLE-HDSN	NY	12504

FICE	SCHOOL	CITY	ST	ZIP
002708	BARNARD COLLEGE	NEW YORK	NY	10027
003400	BARRINGTON COLLEGE	BARRINGTON	RI	02806
001466	BARRY COLLEGE	MIAMI	FL	33161
003151	BARTLESVILLE WESLEYAN C	BARTLESVILLE	OK	74003
012044	BASIC INST TECHNOLOGY	SAINT LOUIS	MO	63116
002036	BATES COLLEGE	LEWISTON	ME	04240
579501	BATES VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98405
011599	BAUDER C SPECIZING CAR ED	SACRAMENTO	CA	95825
190079	BAUDER FASHION COLLEGE	MIAMI	FL	33131
011574	BAUDER FASHION COLLEGE	ATLANTA	GA	30326
010328	BAUDER FASHION COLLEGE	ARLINGTON	TX	76010
002122	BAY PATH JUNIOR COLLEGE	LONGMEADOW	MA	01106
003965	BAY STATE JC OF BUS	BOSTON	MA	02116
140029	BAY VISTA COLLEGE OF BEAUTY	NATIONAL CITY	CA	92050
006967	BAYLOR UNIVERSITY	WACO	TX	76798
005204	BEAL COLLEGE	BANGOR	ME	04401
006807	BEAVER CO,CMTY COLLEGE OF	MONACA	PA	15061
003235	BEAVER COLLEGE	GLENSIDE	PA	19038
002123	BECKER JC	WORCESTER	MA	01609
029076	BECKER JC SYSTEM OFFICE	WORCESTER	MA	01609
003807	BECKLEY COLLEGE	BECKLEY	WV	25801
003546	BEE COUNTY COLLEGE	BEEVILLE	TX	78102
001636	BELLEVILLE AREA COLLEGE	BELLEVILLE	IL	62221
003769	BELLEVUE CMTY COLLEGE	BELLEVUE	WA	98007
009743	BELLEVUE COLLEGE	BELLEVUE	NE	68005
579002	BELLINGHAM VOCATIONAL-TECHNICAL SCHOOL	BELLINGHAM	WA	98225
002910	BELMONT ABBEY COLLEGE	BELMONT	NC	28012
003479	BELMONT COLLEGE	NASHVILLE	TN	37203
003835	BELOIT COLLEGE	BELOIT	WI	53511
350067	BELSAW INSTITUTE	KANSAS CITY	MO	64111
002336	BEMIDJI STATE U	BEMIDJI	MN	56601
003420	BENEDICT COLLEGE	COLUMBIA	SC	29204
010256	BENEDICTINE COLLEGE	ATCHISON	KS	66002
002911	BENNETT COLLEGE	GREENSBORO	NC	27420
003682	BENNINGTON COLLEGE	BENNINGTON	VT	05201
007826	BEREAN INSTITUTE	PHILADELPHIA	PA	19130
004736	BERGEN COMMUNITY COLLEGE	PARAMUS	NJ	07652
007394	BERK-CLAREMONT NEW YORK	NEW YORK	NY	10174
009076	BERKELEY SCHOOL-HICKSVL	HICKSVILLE	NY	11801
007502	BERKELEY SCHOOL,THE	LITTLE FALLS	NJ	07424
007421	BERKELEY SCHOOL,THE	WHITE PLAINS	NY	10604
002126	BERKLEE COLLEGE OF MUSIC	BOSTON	MA	02215
002167	BERKSHIRE CMTY COLLEGE	PITTSFIELD	MA	01201
001554	BERRY COLLEGE	MOUNT BERRY	GA	30149
109008	BESSEMER STATE TECHNICAL COLLEGE	BESSEMER	AL	35021
002337	BETHANY LUTHERAN COLLEGE	MANKATO	MN	56001
001787	BETHEL COLLEGE	MISHAWAKA	IN	46544
009058	BETHEL COLLEGE	SAINT PAUL	MN	55112
001467	BETHUNE COOKMAN COLLEGE	DAYTONA BEACH	FL	32015
003770	BIG BEND CMTY COLLEGE	MOSES LAKE	WA	98837
001122	BIOLA UNIV	LA MIRADA	CA	90639
001468	BISCAYNE COLLEGE	MIAMI	FL	33054

FICE	SCHOOL	CITY	ST	ZIP
370027	BISHOP CLARKSON MEMORIAL HOSP SCH OF NURSING	OMAHA	NE	68131
003548	BISHOP COLLEGE	DALLAS	TX	75241
002988	BISMARCK JUNIOR COLLEGE	BISMARCK	ND	58501
001638	BLACK HAWK C QUAD-CITIES	MOLINE	IL	61265
003459	BLACK HILLS STATE COLLEGE	SPEARFISH	SD	57783
001639	BLACKBURN COLLEGE	CARLINVILLE	IL	62626
230021	BLESSING HOSPITAL SCHOOL OF NURSING	QUINCY	IL	62301
003315	BLOOMSBURG STATE COLLEGE	BLOOMSBURG	PA	17815
002398	BLUE MOUNTAIN COLLEGE	BLUE MOUNTAIN	MS	38610
009684	BLUE RIDGE TECHNICAL C	FLAT ROCK	NC	28731
003809	BLUEFIELD STATE COLLEGE	BLUEFIELD	WV	24701
003016	BLUFFTON COLLEGE	BLUFFTON	OH	45817
003421	BOB JONES UNIVERSITY	GREENVILLE	SC	29614
001616	BOISE STATE UNIVERSITY	BOISE	ID	83725
013029	BORICUA COLLEGE	NEW YORK	NY	10032
012033	BOSSIER PARISH CC	BOSSIER CITY	LA	71111
316005	BOSTON BUSINESS SCHOOL	BOSTON	MA	02215
002128	BOSTON COLLEGE	CHESTNUT HILL	MA	02167
002129	BOSTON CONSV OF MUSIC	BOSTON	MA	02215
002130	BOSTON UNIVERSITY	BOSTON	MA	02215
002038	BOWDOIN COLLEGE	BRUNSWICK	ME	04011
002062	BOWIE STATE COLLEGE	BOWIE	MD	20715
008796	BOWLING GRN ST U ALL CAM	BOWLING GREEN	OH	43403
008032	BOWLING GRN ST U CEN OFF	BOWLING GREEN	OH	43403
007856	BOWLING GRN ST U FIRELDS	HURON	OH	44839
003018	BOWLING GRN ST U MAIN CAM	BOWLING GREEN	OH	43403
480135	BRADFORD SCHOOL	PITTSBURGH	PA	15222
001641	BRADLEY UNIVERSITY	PEORIA	IL	61625
339015	BRAINERD AREA VOCATIONAL-TECHNICAL INSTITUTE	BRAINERD	MN	56401
002339	BRAINERD CMTY COLLEGE	BRAINERD	MN	56401
001427	BRANDYWINE C OF WIDENER U	WILMINGTON	DE	19803
536023	BRANIFF EDUCATIONAL SYSTEM	DALLAS	TX	75235
007857	BRAZOSPORT COLLEGE	LAKE JACKSON	TX	77566
001556	BRENAU COLLEGE	GAINESVILLE	GA	30501
001470	BREVARD CMTY COLLEGE	COCOA	FL	32922
002912	BREVARD COLLEGE	BREVARD	NC	28712
001846	BRIAR CLIFF COLLEGE	SIOUX CITY	IA	51104
029276	BRIARCLIFFE SECRL SCH	MINEOLA	NY	11501
009407	BRIARWOOD COLLEGE	SOUTHINGTON	CT	06489
001416	BRIDGEPORT,UNIVERSITY OF	BRIDGEPORT	CT	06602
002183	BRIDGEWATER STATE COLLEGE	BRIDGEWATER	MA	02324
012305	BRIGHAM YOUNG U ALL CAM	PROVO	UT	84602
003670	BRIGHAM YOUNG U MAIN CAM	PROVO	UT	84602
001606	BRIGHAM YOUNG U-HAWA CAM	LAIE OAHU	HI	96762
002176	BRISTOL COMMUNITY COLLEGE	FALL RIVER	MA	02720
130123	BROADWAY SCHOOL OF REAL ESTATE	LITTLE ROCK	AR	72202
310031	BROCKTON ACADEMY OF BEAUTY CULTURE	BROCKTON	MA	02401
008404	BROOKDALE CMTY COLLEGE	LINCROFT	NJ	07738
029150	BROOKHAVEN COLLEGE	DALLAS	TX	75234
007814	BROOKSTONE COLLEGE OF BUSINESS	HIGH POINT	NC	27261
002862	BROOME COMMUNITY COLLEGE	BINGHAMTON	NY	13902
001500	BROWARD CMTY COLLEGE	FT LAUDERDALE	FL	33301

FICE	SCHOOL	CITY	ST	ZIP
029196	BROWN INSTITUTE	MINNEAPOLIS	MN	55406
003401	BROWN UNIVERSITY	PROVIDENCE	RI	02912
350079	BROWNS BUSINESS AND SECRETARIAL SCHOOL	SAINT LOUIS	MO	63044
230024	BROWNS CAREER COLLEGE	SPRINGFIELD	IL	62703
466017	BRYAN INSTITUTE	TULSA	OK	74119
236016	BRYANT & STRATTON COLLEGE	CHICAGO	IL	60604
003402	BRYANT C BUSINESS ADMIN	SMITHFIELD	RI	02917
012470	BRYANT-STRATTON BUS INST	ROCHESTER	NY	14604
140041	BRYMAN SCHOOL	LOS ANGELES	CA	90017
230025	BRYMAN SCHOOL	CHICAGO	IL	60603
310038	BRYMAN SCHOOL	BROOKLINE	MA	02146
140045	BRYMAN SCHOOLS	TORRANCE	CA	90504
003237	BRYN MAWR COLLEGE	BRYN MAWR	PA	19010
003238	BUCKNELL UNIVERSITY	LEWISBURG	PA	17837
003239	BUCKS COUNTY CMTY COLLEGE	NEWTOWN	PA	18940
001847	BUENA VISTA COLLEGE	STORM LAKE	IA	50588
011210	BUNKER HILL CMTY COLLEGE	BOSTON	MA	02129
007730	BURLINGTON COUNTY COLLEGE	PEMBERTON	NJ	08068
570030	BURNLEY SCHOOL OF PROFESSIONAL ART	SEATTLE	WA	98122
316011	BUTERA SCHOOL OF ART	BOSTON	MA	02116
003240	BUTLER CO CMTY COLLEGE	BUTLER	PA	16001
001788	BUTLER UNIVERSITY	INDIANAPOLIS	IN	46208
008073	BUTTE COLLEGE	OROVILLE	CA	95965
369003	BUTTE VOCATIONAL TECHNICAL CENTER	BUTTE	MT	59701
001124	CABRILLO COLLEGE	APTOS	CA	95003
143381	CABRILLO SCHOOL OF NURSING	SAN DIEGO	CA	92115
003241	CABRINI COLLEGE	RADNOR	PA	19087
800099	CAEN, UNIVERSITY OF	FRANCE	RE	
001314	CAL - IRVINE, U OF	IRVINE	CA	92717
001125	CAL BAPTIST COLLEGE	RIVERSIDE	CA	92504
001131	CAL INST OF TECHNOLOGY	PASADENA	CA	91125
001133	CAL LUTHERAN COLLEGE	THOUSAND OAKS	CA	91360
001143	CAL POLY ST U-SN LUIS OB	SN LUIS OBSPO	CA	93407
007993	CAL ST COLLEGE-BAKERSFLD	BAKERSFIELD	CA	93309
001157	CAL ST COLLEGE-STANISLAUS	TURLOCK	CA	95380
001136	CAL ST U & C SYSTEM OFF	LONG BEACH	CA	90802
001142	CAL STATE C-SN BERNARDINO	SN BERNARDINO	CA	92407
001144	CAL STATE POLY U-POMONA	POMONA	CA	91768
001146	CAL STATE U-CHICO	CHICO	CA	95929
001141	CAL STATE U-DOMINGUEZ HLS	CARSON	CA	90747
001147	CAL STATE U-FRESNO	FRESNO	CA	93740
001137	CAL STATE U-FULLERTON	FULLERTON	CA	92634
001138	CAL STATE U-HAYWARD	HAYWARD	CA	94542
001139	CAL STATE U-LONG BEACH	LONG BEACH	CA	90840
001140	CAL STATE U-LOS ANGELES	LOS ANGELES	CA	90032
001153	CAL STATE U-NORTHRIDGE	NORTHRIDGE	CA	91330
001150	CAL STATE U-SACRAMENTO	SACRAMENTO	CA	95819
008715	CAL U SYS ADMIN ALL CAM	BERKELEY	CA	94720
001312	CAL-BERKELEY,U OF	BERKELEY	CA	94720
001313	CAL-DAVIS,U OF	DAVIS	CA	95616
001315	CAL-LOS ANGELES,U OF	LOS ANGELES	CA	90024
001316	CAL-RIVERSIDE,U OF	RIVERSIDE	CA	92521

FICE	SCHOOL	CITY	ST	ZIP
001317	CAL-SAN DIEGO,U OF	LA JOLLA	CA	92093
001319	CAL-SAN FRANCISCO,U OF	SAN FRANCISCO	CA	94143
001320	CAL-SANTA BARBARA,U OF	SANTA BARBARA	CA	93106
001321	CAL-SANTA CRUZ,U OF	SANTA CRUZ	CA	95064
140063	CALIFORNIA COLLEGE OF DENTAL TRAINING	LOS ANGELES	CA	90014
003316	CALIFORNIA STATE COLLEGE	CALIFORNIA	PA	15419
001834	CALUMET COLLEGE	WHITING	IN	46394
002450	CALVARY BIBLE COLLEGE	KANSAS CITY	MO	64147
002241	CALVIN COLLEGE	GRAND RAPIDS	MI	49506
006865	CAMDEN COUNTY COLLEGE	BLACKWOOD	NJ	08012
230027	CAMEO SCHOOL OF BEAUTY CULTURE	OAK LAWN	IL	60453
003150	CAMERON UNIVERSITY	LAWTON	OK	73505
002913	CAMPBELL UNIVERSITY	BUIES CREEK	NC	27506
006973	CANADA COLLEGE	REDWOOD CITY	CA	94061
002681	CANISIUS COLLEGE	BUFFALO	NY	14208
210007	CANNON'S INTERNATIONAL BUSINESS COLLEGE	HONOLULU	HI	96813
008903	CANYONS,COLLEGE OF THE	VALENCIA	CA	91355
002168	CAPE COD CMTY COLLEGE	W BARNSTABLE	MA	02668
359506	CAPE GIRARDEAU AREA VOCATIONAL SCHOOL	CAPE GIRARDEAU	MO	63701
350065	CAPE GIRARDEAU SCHOOL OF BEAUTY CULTURE	CAPE GIRARDEAU	MO	63701
409016	CAPE MAY COUNTY AREA VOC-TECH CENTER	CAPE MAY C H	NJ	08210
003023	CAPITAL UNIVERSITY	COLUMBUS	OH	43209
266022	CAPITOL CITY BARBER COLLEGE	TOPEKA	KS	66608
001436	CAPITOL INST TECHNOLOGY	KENSINGTON	MD	20895
250093	CAPRI COSMETOLOGY COLLEGE	CEDAR RAPIDS	IA	52401
400115	CAPRI INSTITUTE OF HAIR DESIGN	CLIFTON	NJ	07011
003837	CARDINAL STRITCH COLLEGE	MILWAUKEE	WI	53217
003176	CARL ALBERT JR COLLEGE	POTEAU	OK	74953
002340	CARLETON COLLEGE	NORTHFIELD	MN	55057
003303	CARLOW COLLEGE	PITTSBURGH	PA	15213
003838	CARROLL COLLEGE	WAUKESHA	WI	53186
230032	CARROLL TRAVEL SCHOOL	GLENVIEW	IL	60025
003481	CARSON-NEWMAN COLLEGE	JEFFERSON CY	TN	37760
003839	CARTHAGE COLLEGE	KENOSHA	WI	53141
109047	CARVER STATE TECHNICAL COLLEGE	MOBILE	AL	36617
576012	CASCADE COLLEGE OF COMMERCE	BELLINGHAM	WA	98225
003024	CASE WESTERN RESERVE U	CLEVELAND	OH	44106
003928	CASPER COLLEGE	CASPER	WY	82601
350002	CASTERS BEAUTY ACADEMY	SAINT JOSEPH	MO	64501
003683	CASTLETON STATE COLLEGE	CASTLETON	VT	05735
005318	CATAWBA VALLEY TECH C	HICKORY	NC	28601
002682	CATHEDRAL C IMMAC CONCEP	DOUGLASTON	NY	11362
230291	CATHERINE SCOTT SECRETARIAL SCHOOL	CHICAGO	IL	60601
001437	CATHOLIC U OF AMERICA	WASHINGTON	DC	20064
002063	CATONSVILLE CMTY COLLEGE	CATONSVILLE	MD	21228
008308	CECIL COMMUNITY COLLEGE	NORTH EAST	MD	21901
003243	CEDAR CREST COLLEGE	ALLENTOWN	PA	18104
003025	CEDARVILLE COLLEGE	CEDARVILLE	OH	45314
002599	CENTENARY COLLEGE	HACKETTSTOWN	NJ	07840
007283	CENTRAL ARIZONA COLLEGE	COOLIDGE	AZ	85228
001092	CENTRAL ARKANSAS,U OF	CONWAY	AR	72032
140079	CENTRAL CALIFORNIA COMMERCIAL COLLEGE	FRESNO	CA	93721

FICE	SCHOOL	CITY	ST	ZIP
005449	CENTRAL CAROLINA TECH C	SANFORD	NC	27330
001908	CENTRAL COLLEGE	MCPHERSON	KS	67460
001378	CENTRAL CONN ST COLLEGE	NEW BRITAIN	CT	06050
001471	CENTRAL FLA CMTY COLLEGE	OCALA	FL	32670
003954	CENTRAL FLORIDA, U OF	ORLANDO	FL	32816
002243	CENTRAL MICH UNIVERSITY	MT PLEASANT	MI	48859
002454	CENTRAL MO ST UNIVERSITY	WARRENSBURG	MO	64093
010306	CENTRAL NEW ENG C TECH	WORCESTER	MA	01610
010494	CENTRAL PA BUS SCH	SUMMERDALE	PA	17093
480183	CENTRAL PENNSYLVANIA BUSINESS SCHOOL	SUMMERDALE	PA	17093
002915	CENTRAL PIEDMONT C C	CHARLOTTE	NC	28235
003026	CENTRAL STATE UNIVERSITY	WILBERFORCE	OH	45384
003152	CENTRAL STATE UNIVERSITY	EDMOND	OK	73034
004003	CENTRAL TEXAS COLLEGE	KILLEEN	TX	76541
001850	CENTRAL U OF IOWA	PELLA	IA	50219
004988	CENTRAL VA CMTY COLLEGE	LYNCHBURG	VA	24502
003771	CENTRAL WASH UNIVERSITY	ELLENSBURG	WA	98926
003422	CENTRAL WESLEYAN COLLEGE	CENTRAL	SC	29630
001644	CENTRAL YMCA CMTY COLLEGE	CHICAGO	IL	60606
003772	CENTRALIA COLLEGE	CENTRALIA	WA	98531
001161	CERRITOS COLLEGE	NORWALK	CA	90650
001162	CHABOT COLLEGE	HAYWARD	CA	94545
002539	CHADRON STATE COLLEGE	CHADRON	NE	69337
001163	CHAFFEY COMMUNITY COLLEGE	ALTA LOMA	CA	91701
002138	CHAMBERLAYNE JR COLLEGE	BOSTON	MA	02116
003684	CHAMPLAIN COLLEGE	BURLINGTON	VT	05401
421561	CHAMPLAIN VALLEY MED CTR SCH OF X-RAY TECHN	PLATTSBURGH	NY	12901
120089	CHAPPAREL CAREER COLLEGE	TUCSON	AZ	85712
002064	CHARLES CO CMTY COLLEGE	LA PLATA	MD	20646
003818	CHARLESTON, U OF	CHARLESTON	WV	25304
003428	CHARLESTON,COLLEGE OF	CHARLESTON	SC	29424
191515	CHARRON WILLIAMS COLLEGE	MIAMI	FL	33130
190001	CHARRON WILLIAMS COLLEGE PARAMEDICAL DIVISION	MIAMI	FL	33130
003245	CHESTNUT HILL COLLEGE	PHILADELPHIA	PA	19118
003317	CHEYNEY STATE COLLEGE	CHEYNEY	PA	19319
001694	CHICAGO STATE UNIVERSITY	CHICAGO	IL	60628
001774	CHICAGO,UNIVERSITY OF	CHICAGO	IL	60637
001472	CHIPOLA JUNIOR COLLEGE	MARIANNA	FL	32446
002916	CHOWAN COLLEGE	MURFREESBORO	NC	27855
003482	CHRISTIAN BROS COLLEGE	MEMPHIS	TN	38104
003706	CHRISTOPHER NEWPORT C	NEWPORT NEWS	VA	23606
010805	CINCIN CLERMNT GEN-TECH,U	BATAVIA	OH	45103
008805	CINCINNATI ALL CAM,U OF	CINCINNATI	OH	45221
003029	CINCINNATI BIBLE SEMINARY	CINCINNATI	OH	45204
008039	CINCINNATI CENTRAL OFF,U	CINCINNATI	OH	45221
003125	CINCINNATI MAIN CAM,U OF	CINCINNATI	OH	45221
010345	CINCINNATI TECH COLLEGE	CINCINNATI	OH	45223
003553	CISCO JUNIOR COLLEGE	CISCO	TX	76437
003423	CITADEL MILITARY C OF SC	CHARLESTON	SC	29409
001166	CITRUS COLLEGE	AZUSA	CA	91702
400050	CITTONE SCHOOL OF MACHINE SHORTHAND	EDISON	NJ	08817
008727	CITY C CHGO ALL CAM	CHICAGO	IL	60601

FICE	SCHOOL	CITY	ST	ZIP
001654	CITY C CHGO KENNEDY-KING	CHICAGO	IL	60621
001652	CITY C CHGO LOOP C	CHICAGO	IL	60601
001650	CITY C CHGO MALCOLM X C	CHICAGO	IL	60612
009767	CITY C CHGO OLIVE-HARVEY	CHICAGO	IL	60628
001649	CITY C CHGO R J DALEY C	CHICAGO	IL	60652
001648	CITY C CHGO TRUMAN C	CHICAGO	IL	60640
001655	CITY C CHGO WRIGHT C	CHICAGO	IL	60634
238012	CITY COLLEGE OF CHICAGO--MALCOLM X	CHICAGO	IL	60612
148016	CITY COLLEGE OF SAN FRANCISCO	SAN FRANCISCO	CA	94112
800059	CITY UNIVERSITY	ENGLAND	RE	
004878	CLACKAMAS CMTY COLLEGE	OREGON CITY	OR	97045
003424	CLAFLIN COLLEGE	ORANGEBURG	SC	29115
001170	CLAREMONT MCKENNA C	CLAREMONT	CA	91711
003554	CLARENDON COLLEGE	CLARENDON	TX	79226
009235	CLARION STATE C MAIN CAM	CLARION	PA	16214
010362	CLARK CO CMTY COLLEGE	LAS VEGAS	NV	89030
001559	CLARK COLLEGE	ATLANTA	GA	30314
029124	CLARK COLLEGE	INDIANAPOLIS	IN	46202
004852	CLARK TECHNICAL COLLEGE	SPRINGFIELD	OH	45505
002139	CLARK UNIVERSITY	WORCESTER	MA	01610
001852	CLARKE COLLEGE	DUBUQUE	IA	52001
002699	CLARKSON COLLEGE OF TECHN	POTSDAM	NY	13676
008976	CLAYTON JUNIOR COLLEGE	MORROW	GA	30260
003425	CLEMSON UNIVERSITY	CLEMSON	SC	29631
029264	CLEVELAND INST ELECS	CLEVELAND	OH	44114
003982	CLEVELAND INST OF ART	CLEVELAND	OH	44106
450179	CLEVELAND INSTITUTE OF ELECTRONICS	CLEVELAND	OH	44114
003999	CLEVELAND ST CMTY COLLEGE	CLEVELAND	TN	37311
003032	CLEVELAND ST UNIVERSITY	CLEVELAND	OH	44115
008082	CLEVELAND TECH COLLEGE	SHELBY	NC	28150
001853	CLINTON COMMUNITY COLLEGE	CLINTON	IA	52732
579003	CLOVER PARK VOCATIONAL-TECHNICAL INSTITUTE	TACOMA	WA	98499
008084	COASTAL CAROLINA CC	JACKSONVILLE	NC	28540
140083	COASTAL SCHOOL OF DEEP SEA DIVING INC	OAKLAND	CA	94601
001854	COE COLLEGE	CEDAR RAPIDS	IA	52402
001910	COFFEYVL CMTY COLLEGE	COFFEYVILLE	KS	67337
002039	COLBY COLLEGE	WATERVILLE	ME	04901
001911	COLBY COMMUNITY COLLEGE	COLBY	KS	67701
002701	COLGATE UNIVERSITY	HAMILTON	NY	13346
008717	COLORADO ALL INST, U OF	BOULDER	CO	80309
001370	COLORADO AT BOULDER,U OF	BOULDER	CO	80309
001347	COLORADO COLLEGE	COLORADO SPG	CO	80903
151011	COLORADO INSTITUTE OF ART	DENVER	CO	80203
009007	COLORADO MOUNTAIN C	GLENWOOD SPG	CO	81602
004506	COLORADO MOUNTAIN C WEST CAM	GLENWOOD SPG	CO	81601
001350	COLORADO STATE UNIVERSITY	FORT COLLINS	CO	80523
007996	COLORADO SYS OFFICE, U OF	BOULDER	CO	80309
001351	COLORADO WOMEN'S COLLEGE	DENVER	CO	80220
003774	COLUMBIA BASIN CC	PASCO	WA	99301
003190	COLUMBIA CHRISTIAN C	PORTLAND	OR	97220
007707	COLUMBIA COLLEGE	COLUMBIA	CA	95310
001665	COLUMBIA COLLEGE	CHICAGO	IL	60605

FICE	SCHOOL	CITY	ST	ZIP
004922	COLUMBIA JUNIOR C	COLUMBIA	SC	29201
500048	COLUMBIA JUNIOR COLLEGE OF BUSINESS	COLUMBIA	SC	29201
140087	COLUMBIA SCHOOL OF BROADCASTING	HOLLYWOOD	CA	90028
003483	COLUMBIA ST CMTY COLLEGE	COLUMBIA	TN	38401
007963	COLUMBIA U CENTRAL OFF	NEW YORK	NY	10027
002707	COLUMBIA U MAIN DIVISION	NEW YORK	NY	10027
003039	COLUMBUS C ART AND DESIGN	COLUMBUS	OH	43215
001561	COLUMBUS COLLEGE	COLUMBUS	GA	31993
006867	COLUMBUS TECHNICAL INST	COLUMBUS	OH	43216
560124	COMMONWEALTH COLLEGE	VIRGINIA BEACH	VA	23452
481532	COMMUNITY COLLEGE OF ALLEGHENY COUNTY	PITTSBURGH	PA	15237
140089	COMPTON BEAUTY COLLEGE	COMPTON	CA	90221
001188	COMPTON CMTY COLLEGE	COMPTON	CA	90221
160148	COMPUTER PROCESSING INSTITUTE	EAST HARTFORD	CT	06108
480228	COMPUTER SYSTEMS INSTITUTE	PITTSBURGH	PA	15222
003810	CONCORD COLLEGE	ATHENS	WV	24712
002346	CONCORDIA C	MOORHEAD	MN	56560
002347	CONCORDIA C-SAINT PAUL	SAINT PAUL	MN	55104
001666	CONCORDIA COLLEGE	RIVER FOREST	IL	60305
002247	CONCORDIA COLLEGE	ANN ARBOR	MI	48105
003842	CONCORDIA COLLEGE	MILWAUKEE	WI	53208
003557	CONCORDIA LUTH COLLEGE	AUSTIN	TX	78705
007997	CONNECTICUT CEN OFFICE, U OF	STORRS	CT	06268
001379	CONNECTICUT COLLEGE	NEW LONDON	CT	06320
160120	CONNECTICUT STENOGRAPHIC INSTITUTE	NEW BRITAIN	CT	06051
029013	CONNECTICUT, U OF	STORRS	CT	06268
481535	CONNELLEY SKILL LEARNING CENTER	PITTSBURGH	PA	15219
003153	CONNORS STATE COLLEGE	WARNER	OK	74469
140095	CONTROL DATA INSTITUTE	ANAHEIM	CA	92801
200142	CONTROL DATA INSTITUTE	ATLANTA	GA	30315
330016	CONTROL DATA INSTITUTE	MINNEAPOLIS	MN	55401
350100	CONTROL DATA INSTITUTE	SAINT LOUIS	MO	63108
401505	COOPER MEDICAL CENTER SCH OF NURSING	CAMDEN	NJ	08103
002402	COPIAH-LINCOLN JR COLLEGE	WESSON	MS	39191
002068	COPPIN STATE COLLEGE	BALTIMORE	MD	21216
011950	CORCORAN SCHOOL OF ART	WASHINGTON	DC	20006
002711	CORNEL U ENDOWED COLLEGES	ITHACA	NY	14853
001856	CORNELL COLLEGE	MOUNT VERNON	IA	52314
008779	CORNELL U ALL CAMPUSES	ITHACA	NY	14853
007964	CORNELL U CENTRAL OFFICE	ITHACA	NY	14853
011693	CORNELL U STATUTORY C	ITHACA	NY	14853
002863	CORNING COMMUNITY COLLEGE	CORNING	NY	14830
011161	CORPUS CHRISTI STATE U	CORPUS CHRSTI	TX	78412
007536	COSUMNES RIVER COLLEGE	SACRAMENTO	CA	95823
002458	COTTEY COLLEGE	NEVADA	MO	64772
139001	COTTON BOLL VOCATIONAL-TECHNICAL SCHOOL	BURDETTE	AR	72321
143075	COUNTRY CLUB COLLEGE OF HAIRSTYLING	RANCHO CORDOVA	CA	95670
007729	COUNTY COLLEGE OF MORRIS	RANDOLPH	NJ	07869
529007	COVINGTON STATE AREA VOC-TECH SCHOOL	COVINGTON	TN	38019
008086	CRAVEN COMMUNITY COLLEGE	NEW BERN	NC	28560
002542	CREIGHTON UNIVERSITY	OMAHA	NE	68178
529008	CROSSVILLE STATE AREA VOC-TECH SCHOOL	CROSSVILLE	TN	38555

FICE	SCHOOL	CITY	ST	ZIP
001095	CROWLEY'S RIDGE COLLEGE	PARAGOULD	AR	72450
001192	CUESTA COLLEGE	SN LUIS OBSPO	CA	93406
004766	CUNY BERNARD BARUCH C	NEW YORK	NY	10010
002691	CUNY BORO OF MANHATTAN CC	NEW YORK	NY	10019
002692	CUNY BRONX CMTY COLLEGE	BRONX	NY	10453
002687	CUNY BROOKLYN COLLEGE	BROOKLYN	NY	11210
029040	CUNY C OF STATEN ISLAND	STATEN ISLAND	NY	10301
002688	CUNY CITY COLLEGE	NEW YORK	NY	10031
008611	CUNY HOSTOS C C	BRONX	NY	10451
002689	CUNY HUNTER COLLEGE	NEW YORK	NY	10021
002693	CUNY JOHN JAY C CRIM JUST	NEW YORK	NY	10019
002694	CUNY KINGSBOROUGH CC	BROOKLYN	NY	11235
010051	CUNY LA GUARDIA CC	LONG IS CY	NY	11101
007022	CUNY LEHMAN COLLEGE	BRONX	NY	10468
010097	CUNY MEDGAR EVERS COLLEGE	BROOKLYN	NY	11225
002696	CUNY NYC TECH C	BROOKLYN	NY	11201
002690	CUNY QUEENS COLLEGE	FLUSHING	NY	11367
002697	CUNY QUEENSBOROUGH CC	NEW YORK	NY	11364
002686	CUNY SYS OFFICE	NEW YORK	NY	10021
004759	CUNY YORK COLLEGE	JAMAICA	NY	11451
002143	CURRY COLLEGE	MILTON	MA	02186
008797	CUYAHOGA CC DISTRICT	CLEVELAND	OH	44115
451625	CUYAHOGA COMMUNITY COLLEGE--EASTERN CAMPUS	WARRENSVEL TWP	OH	44122
458010	CUYAHOGA COMMUNITY COLLEGE--METRO CAMPUS	CLEVELAND	OH	44115
458011	CUYAHOGA COMMUNITY COLLEGE--WESTERN CAMPUS	PARMA HEIGHTS	OH	44130
029246	CUYAMACA COLLEGE	EL CAJON	CA	92020
001193	CYPRESS COLLEGE	CYPRESS	CA	90630
182222	D C SKILLS CENTER	WASHINGTON	DC	20002
002808	DAEMEN COLLEGE	AMHERST	NY	14226
339016	DAKOTA COUNTY AREA VOCATIONAL-TECHNICAL INST	ROSEMOUNT	MN	55068
003463	DAKOTA STATE COLLEGE	MADISON	SD	57042
003461	DAKOTA WESLEYAN U	MITCHELL	SD	57301
003560	DALLAS BAPTIST COLLEGE	DALLAS	TX	75236
536031	DALLAS COURT REPORTING COLLEGE	DALLAS	TX	75247
002543	DANA COLLEGE	BLAIR	NE	68008
004731	DANIEL WEBSTER COLLEGE	NASHUA	NH	03063
001669	DANVILLE AREA CMTY C	DANVILLE	IL	61832
003758	DANVILLE CMTY COLLEGE	DANVILLE	VA	24541
002573	DARTMOUTH COLLEGE	HANOVER	NH	03755
002249	DAVENPORT COLLEGE OF BUS	GRAND RAPIDS	MI	49503
003486	DAVID LIPSCOMB COLLEGE	NASHVILLE	TN	37203
002919	DAVIDSON CO CMTY COLLEGE	LEXINGTON	NC	27292
002918	DAVIDSON COLLEGE	DAVIDSON	NC	28036
003811	DAVIS AND ELKINS COLLEGE	ELKINS	WV	26241
800031	DAWSON COLLEGE	CANADA	RE	
459137	DAYTON SCHOOL OF PRACTICAL NURSING	DAYTON	OH	45406
003127	DAYTON,UNIVERSITY OF	DAYTON	OH	45469
001475	DAYTONA BCH CMTY COLLEGE	DAYTONA BEACH	FL	32015
004480	DE ANZA COLLEGE	CUPERTINO	CA	95014
209005	DE KALB AREA VOC-TECH SCHOOL	CLARKSTON	GA	30021
140206	DE LOUX SCHOOL OF COSMETOLOGY	LA MESA	CA	92041
146284	DE LOUX SCHOOL OF COSMETOLOGY	SAN FRANCISCO	CA	94122

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410006	DE WOLFF COLLEGE HAIR STYLING & COSMETOLOGY	ALBUQUERQUE	NM	87110
003041	DEFIANCE COLLEGE	DEFIANCE	OH	43512
001562	DEKALB COMMUNITY COLLEGE	CLARKSTON	GA	30021
003563	DEL MAR COLLEGE	CORPUS CHRSTI	TX	78404
007110	DELAWARE CO CMTY COLLEGE	MEDIA	PA	19063
011387	DELAWARE STANTON-WILMINGTON	NEWARK	DE	19702
001428	DELAWARE STATE COLLEGE	DOVER	DE	19901
012179	DELAWARE TECH & CC WILMINGTON	WILMINGTON	DE	19801
001431	DELAWARE,UNIVERSITY OF	NEWARK	DE	19711
004626	DELGADO CMTY COLLEGE	NEW ORLEANS	LA	70119
002251	DELTA COLLEGE	UNIV CTR	MI	48710
280106	DELTA SCHOOL OF BUSINESS	BATON ROUGE	LA	70805
003042	DENISON UNIVERSITY	GRANVILLE	OH	43023
005363	DENMARK TECHNICAL COLLEGE	DENMARK	SC	29042
009758	DENVER ALL CAM,CC OF	DENVER	CO	80218
157005	DENVER AUTOMOTIVE AND DIESEL COLLEGE INC	DENVER	CO	80223
009757	DENVER CENTRAL OFF,CC OF	DENVER	CO	80218
001352	DENVER CONS BAPTIST SEM	DENVER	CO	80210
151018	DENVER INSTITUTE OF TECHNOLOGY	DENVER	CO	80221
001371	DENVER,UNIVERSITY OF	DENVER	CO	80210
001671	DEPAUL UNIVERSITY	CHICAGO	IL	60604
001792	DEPAUW UNIVERSITY	GREENCASTLE	IN	46135
008735	DES MOINES AREA CC	ANKENY	IA	50021
001182	DESERT,COLLEGE OF THE	PALM DESERT	CA	92260
320041	DETROIT BUSINESS INSTITUTE	DETROIT	MI	48226
002253	DETROIT C OF BUS ADMIN	DEARBORN	MI	48126
339011	DETROIT LAKES AREA VOCATIONAL-TECHNICAL INST	DETROIT LAKES	MN	56501
002323	DETROIT,UNIVERSITY OF	DETROIT	MI	48221
008322	DEVRY INST OF TECHNOLOGY	PHOENIX	AZ	85016
001672	DEVRY INST OF TECHNOLOGY	CHICAGO	IL	60618
010139	DEVRY INST OF TECHNOLOGY	IRVING	TX	75062
009224	DEVRY INST TECHNOLOGY	ATLANTA	GA	30341
200140	DEVRY INSTITUTE OF TECHNOLOGY	CHAMBLEE	GA	30341
400026	DEVRY TECHNICAL INSTITUTE	WOODBRIDGE	NJ	07095
001191	DIABLO VALLEY COLLEGE	PLEASANT HILL	CA	94523
301577	DIESEL INSTITUTE OF AMERICA	LANDOVER	MD	20785
002004	DILLARD UNIVERSITY	NEW ORLEANS	LA	70122
188008	DISTRICT OF COLUMBIA-VAN NESS, U OF	WASHINGTON	DC	20008
029100	DISTRICT OF COLUMBIA, U OF	WASHINGTON	DC	20008
003671	DIXIE COLLEGE	SAINT GEORGE	UT	84770
001913	DODGE CTY CMTY COLLEGE	DODGE CITY	KS	67801
002713	DOMINICAN C OF BLAUVELT	ORANGEBURG	NY	10962
001296	DOMINICAN SCH PHIL & THEO	BERKELEY	CA	94709
002602	DON BOSCO COLLEGE	NEWTON	NJ	07860
241007	DON ROBERTS BEAUTY SCHOOLS	EAST CHICAGO	IN	46312
001914	DONNELLY COLLEGE	KANSAS CITY	KS	66102
001859	DORDT COLLEGE	SIOUX CENTER	IA	51250
230058	DOREE SCHOOL OF BEAUTY CULTURE	RICHTON PARK	IL	60471
800102	DOSHISHA UNIVERSITY	JAPAN	RE	
421582	DRAKE BUSINESS SCHOOL	FLUSHING	NY	11355
421584	DRAKE BUSINESS SCHOOL	NEW YORK	NY	10038
001860	DRAKE UNIVERSITY	DES MOINES	IA	50311

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340010	DRAUGHON BUSINESS COLLEGE	JACKSON	MS	39205
004933	DRAUGHON'S JC BUSINESS	KNOXVILLE	TN	37919
004932	DRAUGHON'S JR COLLEGE	MEMPHIS	TN	38116
002603	DREW UNIVERSITY	MADISON	NJ	07940
003256	DREXEL UNIVERSITY	PHILADELPHIA	PA	19104
101504	DRUID CITY HOSP SCH OF RADIOLOGIC TECHNOLOGY	TUSCALOOSA	AL	35401
002920	DUKE UNIVERSITY	DURHAM	NC	27706
330029	DUNWOODY INDUSTRIAL INSTITUTE	MINNEAPOLIS	MN	55403
006656	DUPAGE,COLLEGE OF	GLEN ELLYN	IL	60137
530248	DURHAM COLLEGE	SAN ANTONIO	TX	78212
003043	DYKE COLLEGE	CLEVELAND	OH	44114
029269	E TX ST U TEXARKANA	TEXARKANA	TX	75501
001793	EARLHAM COLLEGE	RICHMOND	IN	47374
530123	EASONS INSTITUTE OF TECHNOLOGY	SAN ANTONIO	TX	78205
002923	EAST CAROLINA UNIVERSITY	GREENVILLE	NC	27834
003154	EAST CENTRAL OKLA STATE U	ADA	OK	74820
001222	EAST LOS ANGELES COLLEGE	MONTEREY PARK	CA	91754
141573	EAST LOS ANGELES OCCUPATIONAL CENTER	LOS ANGELES	CA	90033
003320	EAST STROUDSBG ST COLLEGE	E STROUDSBURG	PA	18301
003487	EAST TENN ST UNIVERSITY	JOHNSON CITY	TN	37614
003565	EAST TEXAS ST UNIVERSITY	COMMERCE	TX	75428
029289	EAST-WEST UNIVERSITY	CHICAGO	IL	60605
001073	EASTERN ARIZONA COLLEGE	THATCHER	AZ	85552
003259	EASTERN COLLEGE	SAINT DAVIDS	PA	19087
001425	EASTERN CONN ST COLLEGE	WILLIMANTIC	CT	06226
001674	EASTERN ILL UNIVERSITY	CHARLESTON	IL	61920
001963	EASTERN KY UNIVERSITY	RICHMOND	KY	40475
005277	EASTERN ME VOC-TECH INST	BANGOR	ME	04401
002259	EASTERN MICH UNIVERSITY	YPSILANTI	MI	48197
002145	EASTERN NAZARENE COLLEGE	WOLLASTON	MA	02170
002651	EASTERN NM U MAIN CAMPUS	PORTALES	NM	88130
002661	EASTERN NM U ROSWELL	ROSWELL	NM	88201
003155	EASTERN OKLA ST COLLEGE	WILBURTON	OK	74578
003193	EASTERN OREGON ST COLLEGE	LA GRANDE	OR	97850
003775	EASTERN WASH UNIVERSITY	CHENEY	WA	99004
003929	EASTERN WYOMING COLLEGE	TORRINGTON	WY	82240
008510	EASTFIELD COLLEGE	MESQUITE	TX	75150
001487	ECKERD COLLEGE	ST PETERSBURG	FL	33733
003848	EDGEWOOD COLLEGE	MADISON	WI	53711
003321	EDINBORO STATE COLLEGE	EDINBORO	PA	16444
012270	EDISON STATE CMTY COLLEGE	PIQUA	OH	45356
005001	EDMONDS COMMUNITY COLLEGE	LYNNWOOD	WA	98036
001478	EDWARD WATERS COLLEGE	JACKSONVILLE	FL	32209
001197	EL CAMINO COLLEGE	TORRANCE	CA	90506
004453	EL CENTRO COLLEGE	DALLAS	TX	75202
010387	EL PASO CO CMTY COLLEGE	EL PASO	TX	79998
536127	EL PASO TRADE SCHOOL	EL PASO	TX	79901
003156	EL RENO JUNIOR COLLEGE	EL RENO	OK	73036
560231	ELECTRONIC COMPUTER PROGRAMMING INSTITUTE	NORFOLK	VA	23502
004886	ELECTRONIC INSTITUTE	PITTSBURGH	PA	15217
480287	ELECTRONIC INSTITUTES	PITTSBURGH	PA	15217
140112	ELECTRONIC TECHNICAL INSTITUTE	SAN DIEGO	CA	92123

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456009	ELECTRONIC TECHNOLOGY INSTITUTE	CLEVELAND	OH	44103
002926	ELIZABETH CITY STATE U	ELIZABETH CY	NC	27909
002717	ELIZABETH SETON COLLEGE	YONKERS	NY	10701
029207	ELIZABETHTOWN CMTY C	ELIZABETHTOWN	KY	42701
279502	ELIZABETHTOWN COMMUNITY COLLEGE	ELIZABETHTOWN	KY	42701
001862	ELLSWORTH CMTY COLLEGE	IOWA FALLS	IA	50126
001676	ELMHURST COLLEGE	ELMHURST	IL	60126
002718	ELMIRA COLLEGE	ELMIRA	NY	14901
002927	ELON COLLEGE	ELON COLLEGE	NC	27244
001479	EMBRY-RIDDLE AERON U	BUNNELL	FL	32010
002146	EMERSON COLLEGE	BOSTON	MA	02116
002147	EMMANUEL COLLEGE	BOSTON	MA	02115
001564	EMORY UNIVERSITY	ATLANTA	GA	30322
480312	EMPIRE BEAUTY SCHOOL	SCRANTON	PA	18503
480310	EMPIRE BEAUTY SCHOOL INC	POTTSVILLE	PA	17901
001927	EMPORIA STATE UNIVERSITY	EMPORIA	KS	66801
002148	ENDICOTT COLLEGE	BEVERLY	MA	01915
010684	ERIE CC CITY CAMPUS	BUFFALO	NY	14203
002865	ERIE CC NORTH CAMPUS	WILLIAMSVILLE	NY	14221
012427	ERIE CC SOUTH CAMPUS	ORCHARD PARK	NY	14127
400069	ESSEX COLLEGE OF BUSINESS	NEWARK	NJ	07102
002070	ESSEX COMMUNITY COLLEGE	BALTIMORE	MD	21237
007107	ESSEX COUNTY COLLEGE	NEWARK	NJ	07102
400274	ESSEX COUNTY TECHNICAL CAREER CENTER	NEWARK	NJ	07103
001678	EUREKA COLLEGE	EUREKA	IL	61530
800061	EUROCENTE	FRANCE	RE	
002463	EVANGEL COLLEGE	SPRINGFIELD	MO	65802
001795	EVANSVILLE,UNIVERSITY OF	EVANSVILLE	IN	47702
460023	EVE'S COLLEGE OF HAIR STYLING	LAWTON	OK	73501
008155	EVERGREEN STATE COLLEGE	OLYMPIA	WA	98505
012452	EVERGREEN VALLEY COLLEGE	SAN JOSE	CA	95135
310096	EXECUTIVE FLYERS AVIATION ACADEMY	BEDFORD	MA	01730
470100	EXECUTIVE INSTITUTE OF HAIR DESIGN	PORTLAND	OR	97215
270012	EZELL BEAUTY SCHOOL	MURRAY	KY	42071
001385	FAIRFIELD UNIVERSITY	FAIRFIELD	CT	06430
008222	FAIRLEIGH DCKSN U CEN OFF	RUTHERFORD	NJ	07070
003812	FAIRMONT STATE COLLEGE	FAIRMONT	WV	26554
007121	FAITH BAPT BIBLE COLLEGE	ANKENY	IA	50021
339030	FARIBAULT AREA VOCATIONAL-TECHNICAL INSTITUTE	FARIBAULT	MN	55021
004738	FARLGH DCKSN FLORHAN-MAD	MADISON	NJ	07940
002607	FARLGH DCKSN TEANECK CAM	TEANECK	NJ	07666
002605	FARLGH DCKSN U EDW WMS C	HACKENSACK	NJ	07601
002604	FARLGH DCKSN U RUTHERFD	RUTHERFORD	NJ	07070
011112	FASH INST DESIGN & MERCH	LOS ANGELES	CA	90017
530115	FASHION & ART INSTITUTE OF DALLAS	DALLAS	TX	75207
002866	FASHION INST TECHNOLOGY	NEW YORK	NY	10001
140420	FASHION INSTITUTE	LOS ANGELES	CA	90017
001060	FAULKNER STATE JR COLLEGE	BAY MINETTE	AL	36507
480325	FAYETTE INSTITUTE OF COMMERCIAL TECHNOLOGY	UNIONTOWN	PA	15401
002928	FAYETTEVILLE ST U	FAYETTEVILLE	NC	28301
007640	FAYETTEVILLE TECH INST	FAYETTEVILLE	NC	28303
008597	FEATHER RIVER COLLEGE	QUINCY	CA	95971

FICE	SCHOOL	CITY	ST	ZIP
001680	FELICIAN COLLEGE	CHICAGO	IL	60659
002610	FELICIAN COLLEGE	LODI	NJ	07644
002260	FERRIS STATE COLLEGE	BIG RAPIDS	MI	49307
003045	FINDLAY COLLEGE	FINDLAY	OH	45840
007532	FINGER LAKES,CMTY COLLEGE	CANANDAIGUA	NY	14424
406015	FIRST SCHOOL SECRETARIAL	EAST ORANGE	NJ	07018
003490	FISK UNIVERSITY	NASHVILLE	TN	37203
007893	FLAGLER COLLEGE	ST AUGUSTINE	FL	32084
269003	FLINT HILL AREA VOC-TECH SCHOOL	EMPORIA	KS	66801
003990	FLORENCE DARLINGTON TECH	FLORENCE	SC	29501
001480	FLORIDA A & M U	TALLAHASSEE	FL	32307
001481	FLORIDA ATLANTC U	BOCA RATON	FL	33431
001482	FLORIDA COLLEGE	TEMPLE TERRCE	FL	33617
191694	FLORIDA COLLEGE OF MEDICAL AND DENTAL CAREERS	JACKSONVILLE	FL	32211
009635	FLORIDA INTERNATIONAL U	MIAMI	FL	33199
001484	FLORIDA JR C JACKSONVILLE	JACKSONVILLE	FL	32202
001485	FLORIDA KEYS CMTY COLLEGE	KEY WEST	FL	33040
001486	FLORIDA MEMORIAL COLLEGE	MIAMI	FL	33054
001488	FLORIDA SOUTHERN COLLEGE	LAKELAND	FL	33802
001489	FLORIDA STATE UNIVERSITY	TALLAHASSEE	FL	32306
001535	FLORIDA,UNIVERSITY OF	GAINESVILLE	FL	32611
420254	FLUSHING HOSPITAL MED CENTER SCH OF NURSING	FLUSHING	NY	11355
002464	FONTBONNE COLLEGE	SAINT LOUIS	MO	63105
001199	FOOTHILL COLLEGE	LOS ALTOS HILLS	CA	94022
002722	FORDHAM UNIVERSITY	BRONX	NY	10458
005317	FORSYTH TECHNICAL INST	WINSTON-SALEM	NC	27103
001915	FORT HAYS ST UNIVERSITY	HAYS	KS	67601
001353	FORT LEWIS COLLEGE	DURANGO	CO	81301
005000	FORT STEILACOOM CC	TACOMA	WA	98498
001566	FORT VALLEY STATE COLLEGE	FORT VALLEY	GA	31030
530231	FORT WORTH SCHOOL OF BUSINESS	FORT WORTH	TX	76107
009744	FOX VALLEY TECH INST	APPLETON	WI	54913
002185	FRAMINGHAM STATE COLLEGE	FRAMINGHAM	MA	01701
009226	FRANCIS MARION COLLEGE	FLORENCE	SC	29501
003265	FRANKLIN AND MARSHALL C	LANCASTER	PA	17604
481550	FRANKLIN COUNTY AREA VOC-TECH SCH PRAC NRSG	CHAMBERSBURG	PA	17201
003046	FRANKLIN UNIVERSITY	COLUMBUS	OH	43215
003491	FREE WILL BAPTIST BIBLE C	NASHVILLE	TN	37205
003492	FREED-HARDEMAN COLLEGE	HENDERSON	TN	38340
001307	FRESNO CITY COLLEGE	FRESNO	CA	93741
001253	FRESNO PACIFIC COLLEGE	FRESNO	CA	93702
001918	FRIENDS UNIVERSITY	WICHITA	KS	67213
008125	FRIENDS WORLD COLLEGE	HUNTINGTON	NY	11743
003433	FRIENDSHIP COLLEGE	ROCK HILL	SC	29730
002072	FROSTBURG STATE COLLEGE	FROSTBURG	MD	21532
001200	FULLER THEOLOGICAL SEM	PASADENA	CA	91101
001201	FULLERTON COLLEGE	FULLERTON	CA	92634
460090	FULLERTON MODELING AGENCY & CASTING	OKLAHOMA CITY	OK	73121
002867	FULTON-MONTGOMERY CC	JOHNSTOWN	NY	12095
003434	FURMAN UNIVERSITY	GREENVILLE	SC	29613
571509	G & L SCHOOL OF BEAUTY	SUNNYSIDE	WA	98944
100107	GADSDEN BUSINESS COLLEGE INC	GADSDEN	AL	35901

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001017	GADSDEN STATE JR COLLEGE	GADSDEN	AL	35903
001567	GAINESVILLE JR COLLEGE	GAINESVILLE	GA	30501
140143	GALEN COLLEGE OF MEDICAL & DENTAL ASSISTANTS	FRESNO	CA	93728
450426	GALLIPOLIS BUSINESS COLLEGE	GALLIPOLIS	OH	45631
010878	GANADO,COLLEGE OF	GANADO	AZ	86505
003266	GANNON COLLEGE	ERIE	PA	16541
001919	GARDEN CITY COMMUNITY C	GARDEN CITY	KS	67846
002929	GARDNER-WEBB COLLEGE	BOILING SPG	NC	28017
002973	GASTON COLLEGE	DALLAS	NC	28034
010883	GATEWAY TECH INST	KENOSHA	WI	53141
007288	GATEWAY TECH INST-KENOSHA	KENOSHA	WI	53141
005299	GATEWAY TECH INST-RACINE	RACINE	WI	53403
480348	GATEWAY TECHNICAL INSTITUTE	PITTSBURGH	PA	15222
012056	GEM CITY COLLEGE	QUINCY	IL	62301
002262	GENERAL MOTORS INSTITUTE	FLINT	MI	48502
006782	GENESEE COMMUNITY COLLEGE	BATAVIA	NY	14020
003267	GENEVA COLLEGE	BEAVER FALLS	PA	15010
001018	GEO C WALLACE ST CC-DOTHN	DOTHAN	AL	36303
003194	GEORGE FOX COLLEGE	NEWBERG	OR	97132
003749	GEORGE MASON UNIVERSITY	FAIRFAX	VA	22030
191768	GEORGE T BAKER AVIATION SCHOOL	MIAMI	FL	33142
001444	GEORGE WASH UNIVERSITY	WASHINGTON	DC	20052
001683	GEORGE WILLIAMS COLLEGE	DOWNERS GROVE	IL	60515
186003	GEORGETOWN SCHOOL OF SCIENCE & ARTS LTD	WASHINGTON	DC	20007
001445	GEORGETOWN UNIVERSITY	WASHINGTON	DC	20057
001602	GEORGIA COLLEGE	MILLEDGEVILLE	GA	31061
008723	GEORGIA INST OF TECH ALL CAM	ATLANTA	GA	30332
007999	GEORGIA INST OF TECH CEN OFF	ATLANTA	GA	30332
001569	GEORGIA INST OF TECH MAIN CAM	ATLANTA	GA	30332
001571	GEORGIA MILITARY COLLEGE	MILLEDGEVILLE	GA	31061
001572	GEORGIA SOUTHERN COLLEGE	STATESBORO	GA	30460
001573	GEORGIA SOUTHWESTERN C	AMERICUS	GA	31709
001574	GEORGIA STATE UNIVERSITY	ATLANTA	GA	30303
001598	GEORGIA,UNIVERSITY OF	ATHENS	GA	30602
002608	GEORGIAN COURT COLLEGE	LAKEWOOD	NJ	08701
140147	GIBBS FLIGHT CENTER	SAN DIEGO	CA	92123
002609	GLASSBORO STATE COLLEGE	GLASSBORO	NJ	08028
571016	GLEN DOW ACADEMY OF HAIR DESIGN	SPOKANE	WA	99201
001076	GLENDALE CMTY COLLEGE	GLENDALE	AZ	85302
001203	GLENDALE CMTY COLLEGE	GLENDALE	CA	91208
003813	GLENVILLE STATE COLLEGE	GLENVILLE	WV	26351
001205	GOLDEN GATE UNIVERSITY	SAN FRANCISCO	CA	94105
007123	GOLDEN VLY LUTH COLLEGE	MINNEAPOLIS	MN	55422
001206	GOLDEN WEST COLLEGE	HUNTINGTN BCH	CA	92647
001429	GOLDEY BEACOM COLLEGE	WILMINGTON	DE	19808
003778	GONZAGA UNIVERSITY	SPOKANE	WA	99258
469016	GORDON-COOPER AREA VOCATIONAL-TECHNICAL SCHOO	SHAWNEE	OK	74801
002073	GOUCHER COLLEGE	TOWSON	MD	21204
002547	GRACE C OF THE BIBLE	OMAHA	NE	68108
001800	GRACE COLLEGE	WINONA LAKE	IN	46590
001866	GRACELAND COLLEGE	LAMONI	IA	50140
002006	GRAMBLING STATE U	GRAMBLING	LA	71245

FICE	SCHOOL	CITY	ST	ZIP
001074	GRAND CANYON COLLEGE	PHOENIX	AZ	85017
002266	GRAND RAPIDS BAPT C	GRAND RAPIDS	MI	49505
002267	GRAND RAPIDS JR COLLEGE	GRAND RAPIDS	MI	49503
002268	GRAND VALLEY ST COLLEGES	ALLENDALE	MI	49401
001867	GRAND VIEW COLLEGE	DES MOINES	IA	50316
369004	GREAT FALLS VOCATIONAL TECHNICAL CENTER	GREAT FALLS	MT	59405
002527	GREAT FALLS,COLLEGE OF	GREAT FALLS	MT	59405
469505	GREAT PLAINS AREA VOCATIONAL-TECHNICAL SCHOOL	LAWTON	OK	73501
029170	GREATER NEW HAVEN TECH C	NORTH HAVEN	CT	06473
003687	GREEN MOUNTAIN COLLEGE	POULTNEY	VT	05764
003780	GREEN RIVER CMTY COLLEGE	AUBURN	WA	98002
002169	GREENFIELD CMTY COLLEGE	GREENFIELD	MA	01301
001684	GREENVILLE COLLEGE	GREENVILLE	IL	62246
003991	GREENVILLE TECH COLLEGE	GREENVILLE	SC	29606
570111	GRIFFIN BUSINESS COLLEGE	SEATTLE	WA	98121
209013	GRIFFIN-SPALDING CO VOC-TECH SCHOOL	GRIFFIN	GA	30223
001868	GRINNELL COLLEGE	GRINNELL	IA	50112
001208	GROSSMONT COLLEGE	EL CAJON	CA	92020
003269	GROVE CITY COLLEGE	GROVE CITY	PA	16127
002931	GUILFORD COLLEGE	GREENSBORO	NC	27410
004838	GUILFORD TECHNICAL INST	JAMESTOWN	NC	27282
001490	GULF COAST CMTY COLLEGE	PANAMA CITY	FL	32401
002353	GUSTAVUS ADOLPHUS COLLEGE	SAINT PETER	MN	56082
003270	GWYNEDD-MERCY COLLEGE	GWYNEDD VLY	PA	19437
007662	HAGERSTOWN BUS COL/MARYLAND MED SECRL SCH	HAGERSTOWN	MD	21741
002074	HAGERSTOWN JUNIOR COLLEGE	HAGERSTOWN	MD	21740
003271	HAHNEMANN MEDL C AND HOSP	PHILADELPHIA	PA	19102
800052	HAIFA UNIVERSITY	ISRAEL	RE	
250050	HAMILTON COLLEGE	MASON CITY	IA	50401
002728	HAMILTON COLLEGE	CLINTON	NY	13323
289012	HAMMOND AREA VOCATIONAL SCHOOL	HAMMOND	LA	70401
481561	HAMOT MEDICAL CENTER SCHOOL OF ANESTHESIA	ERIE	PA	16512
004661	HAMPSHIRE COLLEGE	AMHERST	MA	01002
589005	HAMPSHIRE COUNTY CAREER TRAINING CENTER	ROMNEY	WV	26757
003714	HAMPTON INSTITUTE	HAMPTON	VA	23668
450554	HANNAH E MULLINS SCHOOL OF PRACTICAL NURSING	SALEM	OH	44460
001801	HANOVER COLLEGE	HANOVER	IN	47243
141685	HARBOR OCCUPATIONAL CENTER	WILMINGTON	CA	90744
003272	HARCUM JUNIOR COLLEGE	BRYN MAWR	PA	19010
003571	HARDIN-SIMMONS UNIVERSITY	ABILENE	TX	79698
002075	HARFORD COMMUNITY COLLEGE	BEL AIR	MD	21014
003961	HARPER C	PALATINE	IL	60067
003273	HARRISBURG AREA CC	HARRISBURG	PA	17110
001386	HARTFORD COLLEGE WOMEN	HARTFORD	CT	06105
001388	HARTFORD ST TECH COLLEGE	HARTFORD	CT	06106
001422	HARTFORD,UNIVERSITY OF	WEST HARTFORD	CT	06117
001209	HARTNELL COLLEGE	SALINAS	CA	93901
002729	HARTWICK COLLEGE	ONEONTA	NY	13820
161507	HARVARD H ELLIS REGIONAL VOC-TECH SCHOOL	DANIELSON	CT	06239
002155	HARVARD UNIVERSITY	CAMBRIDGE	MA	02138
010438	HASKELL INDIAN JR COLLEGE	LAWRENCE	KS	66044
002548	HASTINGS COLLEGE	HASTINGS	NE	68901

FICE	SCHOOL	CITY	ST	ZIP
003274	HAVERFORD COLLEGE	HAVERFORD	PA	19041
001610	HAWAII AT MANOA,U OF	HONOLULU	HI	96822
001612	HAWAII HONOLULU CC,U OF	HONOLULU	HI	96817
001613	HAWAII KAPIOLANI CC,U OF	HONOLULU	HI	96814
004549	HAWAII LEEWARD CC,U OF	PEARL CITY	HI	96782
211526	HAWAII SCHOOL OF BUSINESS	HONOLULU	HI	96817
007885	HAWAII SYS OFF U OF	HONOLULU	HI	96822
010390	HAWAII WINDWARD CC,U OF	KANEOHE	HI	96744
004595	HAWKEYE INST TECHNOLOGY	WATERLOO	IA	50704
001210	HEALD INST TECH	SAN FRANCISCO	CA	94109
369001	HELENA VOCATIONAL-TECHNICAL CENTER	HELENA	MT	59601
002154	HELLENIC C-HOLY CROSS SCH	BROOKLINE	MA	02146
001098	HENDERSON ST UNIVERSITY	ARKADELPHIA	AR	71923
001099	HENDRIX COLLEGE	CONWAY	AR	72032
339020	HENNEPIN TECHNICAL CENTERS	MINNEAPOLIS	MN	55427
002270	HENRY FORD CMTY COLLEGE	DEARBORN	MI	48128
004788	HERKIMER CO CMTY COLLEGE	HERKIMER	NY	13350
004729	HESSER COLLEGE	MANCHESTER	NH	03101
001920	HESSTON COLLEGE	HESSTON	KS	67062
356023	HICKEY SCHOOLS	SAINT LOUIS	MO	63117
003781	HIGHLINE CMTY COLLEGE	MIDWAY	WA	98031
002735	HILBERT COLLEGE	HAMBURG	NY	14075
003573	HILL JUNIOR COLLEGE	HILLSBORO	TX	76645
007870	HILLSBOROUGH CMTY COLLEGE	TAMPA	FL	33622
002272	HILLSDALE COLLEGE	HILLSDALE	MI	49242
002407	HINDS JUNIOR COLLEGE	RAYMOND	MS	39154
003049	HIRAM COLLEGE	HIRAM	OH	44234
003494	HIWASSEE COLLEGE	MADISONVILLE	TN	37354
002731	HOBART-WM SMITH COLLEGES	GENEVA	NY	14456
007598	HOCKING TECHNICAL COLLEGE	NELSONVILLE	OH	45764
002732	HOFSTRA UNIVERSITY	HEMPSTEAD	NY	11550
002141	HOLY CROSS,COLLEGE OF THE	WORCESTER	MA	01610
003275	HOLY FAMILY COLLEGE	PHILADELPHIA	PA	19114
002170	HOLYOKE COMMUNITY COLLEGE	HOLYOKE	MA	01040
002076	HOOD COLLEGE	FREDERICK	MD	21701
004925	HORRY-GEORGETOWN TECH C	CONWAY	SC	29526
002734	HOUGHTON COLLEGE	HOUGHTON	NY	14744
240302	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46224
246008	HOUSE OF JAMES BEAUTY COLLEGE	INDIANAPOLIS	IN	46219
271524	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40219
271525	HOUSE OF JAMES BEAUTY COLLEGE	LOUISVILLE	KY	40206
011720	HOUSTON ALL CAMPUSES,U OF	HOUSTON	TX	77004
003576	HOUSTON BAPT UNIVERSITY	HOUSTON	TX	77074
003652	HOUSTON CEN CAM, U OF	HOUSTON	TX	77004
011721	HOUSTON CEN OFFICE,U OF	HOUSTON	TX	77023
011711	HOUSTON CLEAR LAKE CITY,U	HOUSTON	TX	77058
010633	HOUSTON COMMUNITY COLLEGE	HOUSTON	TX	77007
012826	HOUSTON DOWNTOWN, U OF	HOUSTON	TX	77002
008175	HOWARD COMMUNITY COLLEGE	COLUMBIA	MD	21044
001448	HOWARD UNIVERSITY	WASHINGTON	DC	20059
012954	HUDSON CO CC COMMISSION	NORTH BERGEN	NJ	07047
002868	HUDSON VLY CMTY COLLEGE	TROY	NY	12180

INSTITUTIONS IN THE HS&B POSTSECONDARY SCHOOL TRANSCRIPT SURVEY
BY SCHOOL NAME

FICE	SCHOOL	CITY	ST	ZIP
001149	HUMBOLDT STATE U	ARCATA	CA	95521
531553	HUNTSVILLE MEMORIAL HOSPITAL SCH VOC NURSING	HUNTSVILLE	TX	77340
003464	HURON COLLEGE	HURON	SD	57350
002043	HUSSON COLLEGE	BANGOR	ME	04401
003577	HUSTON-TILLOTSON COLLEGE	AUSTIN	TX	78702
001923	HUTCHINSN CMTY COLLEGE	HUTCHINSON	KS	67501
572007	I T T SCHOOL OF BUSINESS	SEATTLE	WA	98109
241506	I T T TECHNICAL INSTITUTE	FORT WAYNE	IN	46808
590062	IBA CITY COLLEGE	APPLETON	WI	54911
001620	IDAHO STATE UNIVERSITY	POCATELLO	ID	83209
001626	IDAHO,UNIVERSITY OF	MOSCOW	ID	83843
001776	ILL CHICAGO CIRCLE,U OF	CHICAGO	IL	60680
001689	ILL COLLEGE OF OPTOMETRY	CHICAGO	IL	60616
001779	ILL ESTN CC WABASH VLY C	MOUNT CARMEL	IL	62863
009786	ILL ESTN LINCOLN TRAIL C	ROBINSON	IL	62454
003960	ILL MEDL CTR CHGO,U OF	CHICAGO	IL	60680
001775	ILL URBANA CAMPUS,U OF	URBANA	IL	61801
001696	ILL WESLEYAN UNIVERSITY	BLOOMINGTON	IL	61701
008729	ILLINOIS ALL CAM,U OF	URBANA	IL	61801
008001	ILLINOIS CENTRAL OFF,U OF	URBANA	IL	61801
001688	ILLINOIS COLLEGE	JACKSONVILLE	IL	62650
001691	ILLINOIS INST TECHNOLOGY	CHICAGO	IL	60616
231531	ILLINOIS MASONIC MED CTR	CHICAGO	IL	60657
001692	ILLINOIS STATE UNIVERSITY	NORMAL	IL	61761
001705	ILLINOIS VLY CMTY COLLEGE	OGLESBY	IL	61348
001214	IMPERIAL VALLEY COLLEGE	IMPERIAL	CA	92251
003578	INCARNATE WORD COLLEGE	SAN ANTONIO	TX	78209
009916	IND VOC TECH C CEN OFF	INDIANAPOLIS	IN	46206
010039	IND VOC TECH C-LAFAYETTE	LAFAYETTE	IN	47905
008423	IND VOC TECH C-NTH CEN	SOUTH BEND	IN	46619
013145	IND VOC TECH C-NTHWST	GARY	IN	46409
008547	IND VOC TECH COLLEGE	TERRE HAUTE	IN	47802
001812	IND-PURDUE U FORT WAYNE	FORT WAYNE	IN	46805
001813	IND-PURDUE U INDIANAPOLIS	INDIANAPOLIS	IN	46202
008736	INDIAN HILLS CC	OTTUMWA	IA	52501
461509	INDIAN MERIDIAN AREA VOC-TECH SCHOOL	STILLWATER	OK	74074
001493	INDIAN RIVER CMTY COLLEGE	FORT PIERCE	FL	33450
240341	INDIANA BUSINESS COLLEGE	COLUMBUS	IN	47201
240353	INDIANA BUSINESS COLLEGE	TERRE HAUTE	IN	47807
001804	INDIANA CEN UNIVERSITY	INDIANAPOLIS	IN	46227
240365	INDIANA COLLEGE OF COMMERCE	HAMMOND	IN	46323
001805	INDIANA INST TECHNOLOGY	FORT WAYNE	IN	46803
009562	INDIANA STATE U CEN OFF	TERRE HAUTE	IN	47809
009563	INDIANA STATE U MAIN CAM	TERRE HAUTE	IN	47809
001816	INDIANA U AT SOUTH BEND	SOUTH BEND	IN	46615
001809	INDIANA U BLOOMINGTON	BLOOMINGTON	IN	47405
008002	INDIANA U CENTRAL OFFICE	BLOOMINGTON	IN	47405
001815	INDIANA U NORTHWEST	GARY	IN	46408
008810	INDIANA U OF PENNSYLVANIA	INDIANA	PA	15705
001817	INDIANA U SOUTHEAST	NEW ALBANY	IN	47150
001811	INDIANA UNIVERSITY EAST	RICHMOND	IN	47374
249012	INDIANA VOC-TECH COLLEGE--NORTHWEST	GARY	IN	46409

FICE	SCHOOL	CITY	ST	ZIP
450210	INSTITUTE OF COMPUTER MANAGEMENT	CLEVELAND	OH	44114
140020	INSTITUTE OF MEDICAL STUDIES	LOS ANGELES	CA	90057
230094	INSURANCE SCHOOL OF CHICAGO	CHICAGO	IL	60604
008435	INTERBORO INSTITUTE	NEW YORK	NY	10019
004579	INTERNATIONAL BUSINESS C	FORT WAYNE	IN	46804
530251	INTERNATIONAL BUSINESS COLLEGE	EL PASO	TX	79901
481738	INTERNATIONAL CORRESPONDENCE SCHOOLS	SCRANTON	PA	18515
540053	INTERNATIONAL INSTITUTE OF HAIR DESIGN	MIDVALE	UT	84047
009740	INVER HILLS CMTY COLLEGE	INVER GRV HTS	MN	55075
002737	IONA COLLEGE	NEW ROCHELLE	NY	10801
001865	IOWA CENTRAL CC	FORT DODGE	IA	50501
001864	IOWA LAKES CC	ESTHERVILLE	IA	51334
001869	IOWA STATE U	AMES	IA	50011
008739	IOWA WESTERN CMTY COLLEGE	COUNCIL BLF	IA	51501
001892	IOWA,UNIVERSITY OF	IOWA CITY	IA	52242
002739	ITHACA COLLEGE	ITHACA	NY	14850
008329	ITT TECH INST	FORT WAYNE	IN	46808
009088	ITT TECHNICAL INSTITUTE	DAYTON	OH	45414
800036	IUT OF STRASBOURG	FRANCE	RE	
146184	J E BOUTIQUE COLLEGE OF BEAUTY	EL CAJON	CA	92021
570124	J M PERRY INSTITUTE	YAKIMA	WA	98903
003759	J SARGEANT REYNOLDS CC	RICHMOND	VA	23241
800021	J. NEHRU UNIVERSITY	INDIA	RE	
529038	JACKSBORO STATE AREA VOCATIONAL-TECHNICAL SCH	JACKSBORO	TN	37757
002274	JACKSON COMMUNITY COLLEGE	JACKSON	MI	49201
191523	JACKSON MEMORIAL HOSPITAL SCHOOL OF NURSING	MIAMI	FL	33136
002410	JACKSON STATE UNIVERSITY	JACKSON	MS	39217
001495	JACKSONVILLE UNIVERSITY	JACKSONVILLE	FL	32211
001020	JACKSONVL ST UNIVERSITY	JACKSONVILLE	AL	36265
003721	JAMES MADISON UNIVERSITY	HARRISONBURG	VA	22807
480526	JAMESON MEMORIAL HOSPITAL SCHOOL OF NURSING	NEW CASTLE	PA	16101
029211	JEFFERSON CMTY COLLEGE	LOUISVILLE	KY	40202
002870	JEFFERSON CMTY COLLEGE	WATERTOWN	NY	13601
007102	JEFFERSON COLLEGE	HILLSBORO	MO	63050
001021	JEFFERSON DAVIS STATE JC	BREWTON	AL	36427
001022	JEFFERSON ST JR COLLEGE	BIRMINGHAM	AL	35215
002613	JERSEY CITY STATE COLLEGE	JERSEY CITY	NJ	07305
800022	JERUSALEM INSTITUTE	ISRAEL	RE	
800037	JERUSALEM TORAH COLLEGE	ISRAEL	RE	
520402	JESSE H JONES HOSPITAL SCH OF PRACTICAL NURSE	SPRINGFIELD	TN	37172
008076	JOHN A LOGAN COLLEGE	CARTERVILLE	IL	62918
143124	JOHN ADAMS COMMUNITY COLLEGE CTR	SAN FRANCISCO	CA	94117
001100	JOHN BROWN UNIVERSITY	SILOAM SPG	AR	72761
003050	JOHN CARROLL UNIVERSITY	CLEVELAND	OH	44118
001698	JOHN MARSHALL LAW SCHOOL	CHICAGO	IL	60604
004004	JOHN TYLER CMTY COLLEGE	CHESTER	VA	23831
029055	JOHN WESLEY COLLEGE	HIGH POINT	NC	27260
012813	JOHN WOOD CMTY COLLEGE	QUINCY	IL	62301
008244	JOHNSN CO CMTY COLLEGE	OVERLAND PARK	KS	66210
003404	JOHNSON & WALES COLLEGE	PROVIDENCE	RI	02903
002936	JOHNSON C SMITH U	CHARLOTTE	NC	28216
003688	JOHNSON STATE COLLEGE	JOHNSON	VT	05656

FICE	SCHOOL	CITY	ST	ZIP
001699	JOLIET JUNIOR COLLEGE	JOLIET	IL	60436
002411	JONES CO JUNIOR COLLEGE	ELLISVILLE	MS	39437
008719	JONES COLLEGE ALL CAM	JACKSONVILLE	FL	32211
001499	JONES COLLEGE ORLANDO	ORLANDO	FL	32803
001023	JUDSON COLLEGE	MARION	AL	36756
001700	JUDSON COLLEGE	ELGIN	IL	60120
002742	JUILLIARD SCHOOL,THE	NEW YORK	NY	10023
003279	JUNIATA COLLEGE	HUNTINGDON	PA	16652
002275	KALAMAZOO COLLEGE	KALAMAZOO	MI	49007
006949	KALAMAZOO VALLEY CC	KALAMAZOO	MI	49009
007690	KANKAKEE CMTY COLLEGE	KANKAKEE	IL	60901
029001	KANSAS ALL CAMPUSES,U	LAWRENCE	KS	66045
269006	KANSAS CITY AREA VOC-TECH SCHOOL	KANSAS CITY	KS	66104
350039	KANSAS CITY BUSINESS COLLEGE	KANSAS CITY	MO	64106
350105	KANSAS CITY COLLEGE OF MEDICAL & DENTAL ASSTS	KANSAS CITY	MO	64108
001925	KANSAS CITY KANS CMTY C	KANSAS CITY	KS	66112
001948	KANSAS MAIN CAMPUS,U OF	LAWRENCE	KS	66045
001928	KANSAS ST U AGR & APP SCI	MANHATTAN	KS	66506
004611	KANSAS TECHNICAL INST	SALINA	KS	67401
001701	KASKASKIA COLLEGE	CENTRALIA	IL	62801
007481	KATHARINE GIBBS SCHOOL	BOSTON	MA	02116
007398	KATHARINE GIBBS SCHOOL	NEW YORK	NY	10017
490026	KATHARINE GIBBS SCHOOL	PROVIDENCE	RI	02906
002622	KEAN C OF NEW JERSEY	UNION	NJ	07083
002551	KEARNEY STATE COLLEGE	KEARNEY	NE	68847
560242	KEES BUSINESS COLLEGE	NORFOLK	VA	23513
002276	KELLOGG COMMUNITY COLLEGE	BATTLE CREEK	MI	49016
001703	KENDALL COLLEGE	EVANSTON	IL	60201
299009	KENNEBEC VALLEY VOCATIONAL-TECHNICAL INSTITUT	WATERVILLE	ME	04901
003054	KENT ST STARK CO REG CAM	NORTH CANTON	OH	44720
003062	KENT ST TUSCARAWS REG CAM	NEW PHILA	OH	44663
008034	KENT STATE U	KENT	OH	44242
003051	KENT STATE U MAIN CAMPUS	KENT	OH	44242
001968	KENTUCKY STATE UNIVERSITY	FRANKFORT	KY	40601
001989	KENTUCKY,UNIVERSITY OF	LEXINGTON	KY	40506
211528	KENWAY SCHOOL OF ACCOUNTING	HONOLULU	HI	96826
003065	KENYON COLLEGE	GAMBIER	OH	43022
461536	KIAMICHI AREA VOCATIONAL-TECHNICAL SCHOOL	IDABEL	OK	74747
003580	KILGORE COLLEGE	KILGORE	TX	75662
003496	KING COLLEGE	BRISTOL	TN	37620
002937	KING'S C-CHARLOTTE	CHARLOTTE	NC	28204
004840	KING'S COLLEGE	RALEIGH	NC	27611
003282	KING'S COLLEGE	WILKES-BARRE	PA	18711
800055	KINGS COLLEGE OF THE STRAND	ENGLAND	RE	
001308	KINGS RIVER CMTY COLLEGE	REEDLEY	CA	93654
004076	KIRKWOOD CMTY COLLEGE	CEDAR RAPIDS	IA	52406
007684	KISHWAUKEE COLLEGE	MALTA	IL	60150
001704	KNOX COLLEGE	GALESBURG	IL	61401
003497	KNOXVILLE COLLEGE	KNOXVILLE	TN	37921
003322	KUTZTOWN STATE COLLEGE	KUTZTOWN	PA	19530
310144	LA BARON HAIRDRESSING ACADEMY	NEW BEDFORD	MA	02740
001578	LA GRANGE COLLEGE	LA GRANGE	GA	30240

FICE	SCHOOL	CITY	ST	ZIP
003287	LA SALLE COLLEGE	PHILADELPHIA	PA	19141
001216	LA VERNE, U OF	LA VERNE	CA	91750
003284	LAFAYETTE COLLEGE	EASTON	PA	18042
519001	LAKE AREA VOC-TECH INSTITUTE	WATERTOWN	SD	57201
001501	LAKE CITY CMTY COLLEGE	LAKE CITY	FL	32055
199013	LAKE COUNTY AREA VOCATIONAL-TECHNICAL CENTER	EUSTIS	FL	32726
007694	LAKE COUNTY,COLLEGE OF	GRAYSLAKE	IL	60030
001706	LAKE FOREST COLLEGE	LAKE FOREST	IL	60045
007644	LAKE LAND COLLEGE	MATTOON	IL	61938
002991	LAKE REGION CMTY COLLEGE	DEVILS LAKE	ND	58301
001502	LAKE-SUMTER CMTY COLLEGE	LEESBURG	FL	32748
006804	LAKELAND CMTY COLLEGE	MENTOR	OH	44060
006774	LAKEWOOD CMTY COLLEGE	WHITE BR LK	MN	55110
459140	LAKEWOOD SCHOOL OF PRACTICAL NURSING	LAKEWOOD	OH	44107
003581	LAMAR UNIVERSITY	BEAUMONT	TX	77710
003498	LAMBUTH COLLEGE	JACKSON	TN	38301
126007	LAMSON BUSINESS COLLEGE	TUCSON	AZ	85701
001266	LANEY COLLEGE	OAKLAND	CA	94607
003157	LANGSTON UNIVERSITY	LANGSTON	OK	73050
209006	LANIER AREA VOCATIONAL-TECHNICAL SCHOOL	OAKWOOD	GA	30566
002278	LANSING COMMUNITY COLLEGE	LANSING	MI	48901
003582	LAREDO JUNIOR COLLEGE	LAREDO	TX	78040
009651	LAREDO STATE UNIVERSITY	LAREDO	TX	78040
002158	LASELL JUNIOR COLLEGE	NEWTON	MA	02166
001217	LASSEN COLLEGE	SUSANVILLE	CA	96130
003672	LATTER-DAY SAINTS BUS COLLEGE	SALT LAKE CY	UT	84111
489515	LAWRENCE COUNTY AREA VOC-TECH SCHOOL	NEW CASTLE	PA	16101
002279	LAWRENCE INST TECHNOLOGY	SOUTHFIELD	MI	48075
003856	LAWRENCE UNIVERSITY	APPLETON	WI	54911
001059	LAWSON STATE CMTY COLLEGE	BIRMINGHAM	AL	35221
002748	LE MOYNE COLLEGE	SYRACUSE	NY	13214
003501	LE MOYNE-OWEN COLLEGE	MEMPHIS	TN	38126
003583	LEE COLLEGE	BAYTOWN	TX	77520
310600	LEE INSTITUTE OF REAL ESTATE	BROOKLINE	MA	02139
001970	LEES JUNIOR COLLEGE	JACKSON	KY	41339
002939	LEES-MCRAE COLLEGE	BANNER ELK	NC	28604
003289	LEHIGH UNIVERSITY	BETHLEHEM	PA	18015
141763	LEIMERT PARK BEAUTY COLLEGE	LOS ANGELES	CA	90008
002940	LENOIR CMTY COLLEGE	KINSTON	NC	28501
002941	LENOIR-RHYNE COLLEGE	HICKORY	NC	28603
003584	LETOURNEAU COLLEGE	LONGVIEW	TX	75607
010020	LEWIS AND CLARK CC	GODFREY	IL	62035
003197	LEWIS AND CLARK COLLEGE	PORTLAND	OR	97219
003968	LEWIS C BUSINESS	DETROIT	MI	48235
001707	LEWIS UNIVERSITY	ROMEOVILLE	IL	60441
010392	LIBERTY BAPTIST COLLEGE	LYNCHBURG	VA	24506
010027	LIMA TECHNICAL COLLEGE	LIMA	OH	45804
003436	LIMESTONE COLLEGE	GAFFNEY	SC	29340
007170	LINCOLN LAND CMTY COLLEGE	SPRINGFIELD	IL	62708
003502	LINCOLN MEM UNIVERSITY	HARROGATE	TN	37752
029200	LINCOLN TECHNICAL INST	ALLENTOWN	PA	18104
240568	LINCOLN TECHNICAL INSTITUTE	INDIANAPOLIS	IN	46202

FICE	SCHOOL	CITY	ST	ZIP
300140	LINCOLN TECHNICAL INSTITUTE	BALTIMORE	MD	21229
002479	LINCOLN UNIVERSITY	JEFFERSON CY	MO	65101
003290	LINCOLN UNIVERSITY	LINCOLN UNIV	PA	19352
199002	LINDSEY HOPKINS EDUCATIONAL CENTER	MIAMI	FL	33132
359504	LINN TECHNICAL COLLEGE	LINN	MO	65051
001024	LIVINGSTON UNIVERSITY	LIVINGSTON	AL	35470
002942	LIVINGSTONE COLLEGE	SALISBURY	NC	28144
003323	LOCK HAVEN STATE COLLEGE	LOCK HAVEN	PA	17745
001218	LOMA LINDA UNIVERSITY	LOMA LINDA	CA	92354
003585	LON MORRIS COLLEGE	JACKSONVILLE	TX	75766
800047	LONDON POLYTECHNIC	ENGLAND	RE	
001219	LONG BEACH CITY COLLEGE	LONG BEACH	CA	90808
004779	LONG IS U BROOKLYN CENTER	BROOKLYN	NY	11201
002751	LONG IS U CENTRAL OFFICE	GREENVALE	NY	11548
002754	LONG IS U, C W POST CEN	GREENVALE	NY	11548
003719	LONGWOOD COLLEGE	FARMVILLE	VA	23901
450469	LORAIN BUSINESS COLLEGE	LORAIN	OH	44055
003068	LORAIN CO CMTY COLLEGE	ELYRIA	OH	44035
001873	LORAS COLLEGE	DUBUQUE	IA	52001
008709	LOS ANG CC SYS ALL INST	LOS ANGELES	CA	90017
001224	LOS ANG HARBOR COLLEGE	WILMINGTON	CA	90744
001226	LOS ANG PIERCE COLLEGE	WOODLAND HLS	CA	91371
007047	LOS ANG SOUTHWEST COLLEGE	LOS ANGELES	CA	90047
001227	LOS ANG TR TECH COLLEGE	LOS ANGELES	CA	90015
001228	LOS ANG VALLEY COLLEGE	VAN NUYS	CA	91401
001220	LOS ANGELES BAPT COLLEGE	AD	CA	91322
001223	LOS ANGELES CITY COLLEGE	LOS ANGELES	CA	90029
029284	LOS ANGELES METRO C	LOS ANGELES	CA	90015
012550	LOS ANGELES MISSION C	SAN FERNANDO	CA	91340
010340	LOS MEDANOS COLLEGE	PITTSBURG	CA	94565
001231	LOS RIOS CC DIST OFF	SACRAMENTO	CA	95825
002007	LOUISIANA COLLEGE	PINEVILLE	LA	71360
008745	LOUISIANA ST U ALL INST	BATON ROUGE	LA	70803
002010	LOUISIANA ST U AND A & M C	BATON ROUGE	LA	70803
002012	LOUISIANA ST U EUNICE	EUNICE	LA	70535
002013	LOUISIANA ST U SHREVEPORT	SHREVEPORT	LA	71115
002009	LOUISIANA ST U SYS OFFICE	BATON ROUGE	LA	70803
002008	LOUISIANA TECH UNIVERSITY	RUSTON	LA	71272
001999	LOUISVILLE,UNIVERSITY OF	LOUISVILLE	KY	40292
002161	LOWELL,UNIVERSITY OF	LOWELL	MA	01854
330106	LOWTHIAN COLLEGE	MINNEAPOLIS	MN	55403
002078	LOYOLA COLLEGE	BALTIMORE	MD	21210
011649	LOYOLA MARYMOUNT U	LOS ANGELES	CA	90045
002016	LOYOLA U IN NEW ORLEANS	NEW ORLEANS	LA	70118
001710	LOYOLA U OF CHICAGO	CHICAGO	IL	60611
530197	LUBBOCK BARBER COLLEGE	LUBBOCK	TX	79410
003586	LUBBOCK CHRISTIAN COLLEGE	LUBBOCK	TX	79407
146100	LUMBLEAU REAL ESTATE SCHOOL	LOS ANGELES	CA	90024
419005	LUNA AREA VOCATIONAL SCHOOL	LAS VEGAS	NM	87701
008988	LURLEEN B WALLACE ST JC	ANDALUSIA	AL	36420
001874	LUTHER COLLEGE	DECORAH	IA	52101
006811	LUZERNE CO CMTY COLLEGE	NANTICOKE	PA	18634

FICE	SCHOOL	CITY	ST	ZIP
003293	LYCOMING COLLEGE	WILLIAMSPORT	PA	17701
003720	LYNCHBURG COLLEGE	LYNCHBURG	VA	24501
003689	LYNDON STATE COLLEGE	LYNDONVILLE	VT	05851
311537	LYNN VOCATIONAL-TECHNICAL INSTITUTE	LYNN	MA	01902
401590	LYONS INSTITUTE	CLARK	NJ	07066
230125	M S T A LEARNING CENTERS	CHICAGO	IL	60605
140264	M T I WESTERN BUSINESS COLLEGE	SACRAMENTO	CA	95816
001717	MACMURRAY COLLEGE	JACKSONVILLE	IL	62650
008319	MACOMB CO CC	WARREN	MI	48093
004681	MACOMB CO CC-CENTER CAM	MT CLEMENS	MI	48044
008906	MACOMB CO CC-SOUTH CAMPUS	WARREN	MI	48093
209014	MACON AREA VOCATIONAL-TECHNICAL SCHOOL	MACON	GA	31201
004007	MADISON AREA TECH COLLEGE	MADISON	WI	53703
002282	MADONNA COLLEGE	LIVONIA	MI	48150
002040	MAINE AT FARMINGTON,U OF	FARMINGTON	ME	04938
002041	MAINE AT FORT KENT,U OF	FORT KENT	ME	04743
002055	MAINE AT MACHIAS,U OF	MACHIAS	ME	04654
002053	MAINE AT ORONO,U OF	ORONO	ME	04473
002044	MAINE MARITIME ACADEMY	CASTINE	ME	04421
001718	MALLINCKRODT COLLEGE	WILMETTE	IL	60091
003072	MALONE COLLEGE	CANTON	OH	44709
001504	MANATEE JUNIOR COLLEGE	BRADENTON	FL	33507
199005	MANATEE VOCATIONAL-TECHNICAL CENTER	BRADENTON	FL	33507
001392	MANCHESTER CMTY COLLEGE	MANCHESTER	CT	06040
001820	MANCHESTER COLLEGE	N MANCHESTER	IN	46962
420383	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	HEMPSTEAD	NY	11550
420384	MANDL SCHOOL FOR MEDICAL & DENTAL ASSISTANTS	NEW YORK	NY	10019
002758	MANHATTAN COLLEGE	BRONX	NY	10471
339013	MANKATO AREA VOCATIONAL-TECHNICAL INSTITUTE	NORTH MANKATO	MN	56001
002360	MANKATO STATE UNIVERSITY	MANKATO	MN	56001
590129	MANPOWER BUSINESS TRAINING INSTUTUTE	MILWAUKEE	WI	53203
450480	MANSFIELD BUSINESS COLLEGE	MANSFIELD	OH	44905
003324	MANSFIELD STATE COLLEGE	MANSFIELD	PA	16933
002764	MARIA REGINA COLLEGE	SYRACUSE	NY	13208
001821	MARIAN COLLEGE	INDIANAPOLIS	IN	46222
121561	MARICOPA COUNTY SKILL CENTER	PHOENIX	AZ	85004
003073	MARIETTA COLLEGE	MARIETTA	OH	45750
001178	MARIN,COLLEGE OF	KENTFIELD	CA	94904
141053	MARINELLO SCHOOL OF BEAUTY	SAN FRANCISCO	CA	94102
001822	MARION COLLEGE	MARION	IN	46952
001026	MARION MILITARY INSTITUTE	MARION	AL	36756
002765	MARIST COLLEGE	POUGHKEEPSIE	NY	12601
003863	MARQUETTE UNIVERSITY	MILWAUKEE	WI	53233
002944	MARS HILL COLLEGE	MARS HILL	NC	28754
003815	MARSHALL UNIVERSITY	HUNTINGTON	WV	25701
001875	MARSHALLTWN CMTY COLLEGE	MARSHALLTOWN	IA	50158
003504	MARTIN COLLEGE	PULASKI	TN	38478
003746	MARY WASHINGTON COLLEGE	FREDERICKSBG	VA	22401
001876	MARYCREST COLLEGE	DAVENPORT	IA	52804
009553	MARYLAND ALL CAM,U OF	COLLEGE PARK	MD	20742
002105	MARYLAND BALT CO CAM, U OF	CATONSVILLE	MD	21228
002103	MARYLAND COLLEGE PARK CAM, U OF	COLLEGE PARK	MD	20742

FICE	SCHOOL	CITY	ST	ZIP
300266	MARYLAND DRAFTING INSTITUTE	HYATTSVILLE	MD	20783
002106	MARYLAND EASTERN SHORE, U OF	PRINCESS ANNE	MD	21853
008751	MARYLAND SYS ALL INST,U	COLLEGE PARK	MD	20783
007959	MARYLAND SYSTEM OFF,U OF	ADELPHI	MD	20783
011644	MARYLAND UNIVERSITY C	COLLEGE PARK	MD	20742
003199	MARYLHURST C LEARNING	MARYLHURST	OR	97036
002768	MARYMOUNT COLLEGE	TARRYTOWN	NY	10591
003724	MARYMOUNT COLLEGE OF VA	ARLINGTON	VA	22207
002769	MARYMOUNT MANHATTAN C	NEW YORK	NY	10021
010474	MARYMOUNT PALOS VERDES C	RNCHO PLS VRD	CA	90274
002482	MARYVILLE C-SAINT LOUIS	SAINT LOUIS	MO	63141
003505	MARYVILLE COLLEGE	MARYVILLE	TN	37801
003296	MARYWOOD COLLEGE	SCRANTON	PA	18509
008755	MASS ALL CAMPUSES,U OF	BOSTON	MA	02116
002221	MASS AMHERST CAMPUS,U OF	AMHERST	MA	01003
002171	MASS BAY CMTY COLLEGE	WELLESLEY	MA	02181
002222	MASS BOSTON CAMPUS, U OF	BOSTON	MA	02116
008017	MASS CENTRAL OFFICE,U OF	BOSTON	MA	02116
002178	MASS INST OF TECHNOLOGY	CAMBRIDGE	MA	02139
002181	MASS MARITIME ACADEMY	BUZZARDS BAY	MA	02532
002177	MASSASOIT CMTY COLLEGE	BROCKTON	MA	02402
200141	MASSEY BUSINESS COLLEGE	ATLANTA	GA	30301
100179	MASSEY-DRAUGHON COLLEGE	MONTGOMERY	AL	36102
006982	MATTATUCK CMTY COLLEGE	WATERBURY	CT	06708
279009	MAYO STATE VOC-TECH SCHOOL	PAINTSVILLE	KY	41240
029214	MAYSVILLE CMTY COLLEGE	MAYSVILLE	KY	41056
330075	MC CONNELL SCHOOL	MINNEAPOLIS	MN	55402
481582	MC KEESPORT HOSPITAL SCHOOL OF X-RAY TECHN	MC KEESPORT	PA	15132
011587	MCCARRIE SCHOOLS	PHILADELPHIA	PA	19107
002552	MCCOOK COMMUNITY COLLEGE	MCCOOK	NE	69001
001721	MCCORMICK THEOLOGICAL SEM	CHICAGO	IL	60637
007691	MCHENRY COUNTY COLLEGE	CRYSTAL LAKE	IL	60014
003590	MCLENNAN CMTY COLLEGE	WACO	TX	76708
003591	MCMURRY COLLEGE	ABILENE	TX	79697
002017	MCNEESE STATE UNIVERSITY	LAKE CHARLES	LA	70605
001933	MCPHERSON COLLEGE	MCPHERSON	KS	67460
280010	MEADOWS-DRAUGHON COLLEGE	NEW ORLEANS	LA	70119
480629	MEDIAN SCHOOL	PITTSBURGH	PA	15222
420404	MEDICAL AID TRAINING SCHOOL OF BROOKLYN	BROOKLYN	NY	11217
008296	MEDICAL COLLEGE OF WIS	MILWAUKEE	WI	53226
201517	MEMORIAL MEDICAL CENTER SCH OF X-RAY TECHN	SAVANNAH	GA	31404
526015	MEMPHIS SKILLS CENTER	MEMPHIS	TN	38105
003509	MEMPHIS STATE UNIVERSITY	MEMPHIS	TN	38152
010529	MEMPHIS THEOLOGICAL SEM	MEMPHIS	TN	38104
001236	MENLO COLLEGE	MENLO PARK	CA	94025
001237	MERCED COLLEGE	MERCED	CA	95340
004740	MERCER CO CMTY COLLEGE	TRENTON	NJ	08690
589010	MERCER COUNTY VOCATIONAL-TECHNICAL CENTER	PRINCETON	WV	24740
008419	MERCER U IN ATLANTA	ATLANTA	GA	30341
001580	MERCER U MAIN CAMPUS	MACON	GA	31207
320085	MERCY CENTRAL SCHOOL OF NURSING	GRAND RAPIDS	MI	49503
002772	MERCY COLLEGE	DOBBS FERRY	NY	10522

FICE	SCHOOL	CITY	ST	ZIP
002286	MERCY COLLEGE OF DETROIT	DETROIT	MI	48219
002945	MEREDITH COLLEGE	RALEIGH	NC	27611
002413	MERIDIAN JUNIOR COLLEGE	MERIDIAN	MS	39301
240604	MERRILLVILLE BEAUTY COLLEGE	MERRILLVILLE	IN	46410
002120	MERRIMACK COLLEGE	NORTH ANDOVER	MA	01845
001267	MERRITT COLLEGE	OAKLAND	CA	94619
146439	MESA ARTS & TRADE COLLEGE	SAN DIEGO	CA	92101
001358	MESA COLLEGE	GRAND JCT	CO	81501
001077	MESA COMMUNITY COLLEGE	MESA	AZ	85202
003298	MESSIAH COLLEGE	GRANTHAM	PA	17027
002946	METHODIST COLLEGE	FAYETTEVILLE	NC	28301
001360	METROPOLITAN ST COLLEGE	DENVER	CO	80204
012586	METROPOLITAN TECHNICAL CC	OMAHA	NE	68103
003079	MIAMI U HAMILTON CAMPUS	HAMILTON	OH	45011
003080	MIAMI U MIDDLETOWN CAMPUS	MIDDLETOWN	OH	45052
007104	MIAMI UNIV OXFORD CAM	OXFORD	OH	45056
008800	MIAMI UNIVERSITY ALL CAM	OXFORD	OH	45056
003077	MIAMI UNIVERSITY CEN OFF	OXFORD	OH	45056
001506	MIAMI-DADE CMTY COLLEGE	MIAMI	FL	33176
001536	MIAMI,UNIVERSITY OF	CORAL GABLES	FL	33124
002288	MICH CHRISTIAN COLLEGE	ROCHESTER	MI	48063
005753	MICHAEL J OWENS TECH C	TOLEDO	OH	43699
320088	MICHIGAN CAREER INSTITUTE	DETROIT	MI	48205
002325	MICHIGAN CEN OFFICE,U OF	ANN ARBOR	MI	48109
002290	MICHIGAN STATE UNIVERSITY	EAST LANSING	MI	48824
002292	MICHIGAN TECHNOLOGICAL U	HOUGHTON	MI	49931
009092	MICHIGAN-ANN ARBOR,U	ANN ARBOR	MI	48109
002326	MICHIGAN-DEARBORN,U OF	DEARBORN	MI	48128
002327	MICHIGAN-FLINT,U OF	FLINT	MI	48503
199020	MID-FLORIDA TECHNICAL INSTITUTE	ORLANDO	FL	32809
520269	MID-SOUTH BEAUTY ACADEMY	CHATTANOOGA	TN	37407
005380	MID-STATE TECHNICAL INST	WISC RAPIDS	WI	54494
001581	MIDDLE GEORGIA COLLEGE	COCHRAN	GA	31014
003510	MIDDLE TENN ST UNIVERSITY	MURFREESBORO	TN	37132
003691	MIDDLEBURY COLLEGE	MIDDLEBURY	VT	05753
008038	MIDDLESEX CMTY COLLEGE	MIDDLETOWN	CT	06457
002615	MIDDLESEX COUNTY COLLEGE	EDISON	NJ	08818
009797	MIDLAND COLLEGE	MIDLAND	TX	79701
002553	MIDLAND LUTHERAN COLLEGE	FREMONT	NE	68025
003993	MIDLANDS TECH COLLEGE	COLUMBIA	SC	29202
003592	MIDWESTERN ST UNIVERSITY	WICHITA FALLS	TX	76308
641502	MIGUEL SUCH METROPLOITAN VOCATIONAL SCHOOL	RIO PIEDRAS	RQ	00931
420425	MILLARD FILLMORE HOSPITAL SCH OF X-RAY TECHN	BUFFALO	NY	14209
520031	MILLER-HAWKINS BUSINESS COLLEGE	MEMPHIS	TN	38104
003325	MILLERSVILLE ST COLLEGE	MILLERSVILLE	PA	17551
003511	MILLIGAN COLLEGE	MILLIGAN CLG	TN	37682
001724	MILLIKIN UNIVERSITY	DECATUR	IL	62522
001238	MILLS COLLEGE	OAKLAND	CA	94613
002414	MILLSAPS COLLEGE	JACKSON	MS	39210
003866	MILWAUKEE AREA TECH C	MILWAUKEE	WI	53203
599506	MILWAUKEE AREA TECHNICAL COLLEGE	MILWAUKEE	WI	53203
599504	MILWAUKEE AREA TECHNICAL COLLEGE	OAK CREEK	WI	53154

FICE	SCHOOL	CITY	ST	ZIP
003868	MILWAUKEE SCH ENGINEERING	MILWAUKEE	WI	53201
590103	MILWAUKEE STRATTON COLLEGE	MILWAUKEE	WI	53202
002486	MINERAL AREA COLLEGE	FLAT RIVER	MO	63601
339019	MINNEAPOLIS AREA VOCATIONAL-TECHNICAL INST	MINNEAPOLIS	MN	55404
002362	MINNEAPOLIS CMTY COLLEGE	MINNEAPOLIS	MN	55403
002365	MINNEAPOLIS COLLEGE OF ART & DESIGN	MINNEAPOLIS	MN	55404
008761	MINNESOTA ALL CAM,U OF	MINNEAPOLIS	MN	55455
002387	MINNESOTA CEN OFFICE,U OF	MINNEAPOLIS	MN	55455
002388	MINNESOTA DULUTH,U OF	DULUTH	MN	55812
003969	MINNESOTA MINNEAPOLIS-ST PAUL, U OF	MINNEAPOLIS	MN	55455
330089	MINNESOTA SCHOOL OF BUSINESS	MINNEAPOLIS	MN	55402
002994	MINOT STATE COLLEGE	MINOT	ND	58701
001239	MIRA COSTA COLLEGE	OCEANSIDE	CA	92054
012860	MISS CO CMTY COLLEGE	BLYTHEVILLE	AR	72315
008763	MISS GULF CST JC	PERKINSTON	MS	39573
002418	MISS GULF CST JC JACKSON	GAUTIER	MS	39553
002424	MISS VLY ST UNIVERSITY	ITTA BENA	MS	38941
010130	MISS WADES FASH COLLEGE	DALLAS	TX	75207
029128	MISSION COLLEGE	SANTA CLARA	CA	95054
008764	MISSISSIPPI ALL CAM,U OF	UNIVERSITY	MS	38677
008022	MISSISSIPPI CEN OFF,U OF	UNIVERSITY	MS	38677
002415	MISSISSIPPI COLLEGE	CLINTON	MS	39058
002440	MISSISSIPPI MAIN CAM,U OF	UNIVERSITY	MS	38677
002423	MISSISSIPPI ST UNIVERSITY	MISS STATE	MS	39762
002489	MISSOURI VALLEY COLLEGE	MARSHALL	MO	65340
002490	MISSOURI WSTN ST COLLEGE	SAINT JOSEPH	MO	64507
002516	MISSOURI-COLUMBIA,U OF	COLUMBIA	MO	65211
002518	MISSOURI-KANSAS CITY,U OF	KANSAS CITY	MO	64110
002517	MISSOURI-ROLLA,U OF	ROLLA	MO	65401
002519	MISSOURI-SAINT LOUIS,U OF	SAINT LOUIS	MO	63121
002947	MITCHELL CMTY COLLEGE	STATESVILLE	NC	28677
002491	MOBERLY JUNIOR COLLEGE	MOBERLY	MO	65270
420429	MODERN WELDING SCHOOL	SCHENECTADY	NY	12306
001240	MODESTO JUNIOR COLLEGE	MODESTO	CA	95350
002871	MOHAWK VLY CMTY COLLEGE	UTICA	NY	13501
009765	MOHEGAN COMMUNITY COLLEGE	NORWICH	CT	06360
280084	MOLER BEAUTY COLLEGE	NEW ORLEANS	LA	70119
002775	MOLLOY COLLEGE	ROCKVILLE CTR	NY	11570
001725	MONMOUTH COLLEGE	MONMOUTH	IL	61462
002616	MONMOUTH COLLEGE	W LONG BRANCH	NJ	07764
004799	MONROE BUSINESS INSTITUTE	BRONX	NY	10468
002872	MONROE COMMUNITY COLLEGE	ROCHESTER	NY	14623
002531	MONTANA C MINRL SCI-TECHN	BUTTE	MT	59701
002532	MONTANA STATE UNIVERSITY	BOZEMAN	MT	59717
002536	MONTANA,UNIVERSITY OF	MISSOULA	MT	59812
002617	MONTCLAIR STATE COLLEGE	UPR MONTCLAIR	NJ	07043
140257	MONTEREY ACADEMY OF HAIR DESIGN	MONTEREY	CA	93940
001241	MONTEREY INTRNATL STDIES	MONTEREY	CA	93940
002082	MONTGOMERY C ROCKVILLE	ROCKVILLE	MD	20850
002081	MONTGOMERY C TAKOMA PARK	TAKOMA PARK	MD	20912
004452	MONTGOMERY CO COMMUNITY C	BLUE BELL	PA	19422
001727	MOODY BIBLE INSTITUTE	CHICAGO	IL	60610

FICE	SCHOOL	CITY	ST	ZIP
003300	MOORE COLLEGE OF ART	PHILADELPHIA	PA	19103
339014	MOORHEAD AREA VOCATIONAL-TECHNICAL INSTITUTE	MOORHEAD	MN	56560
002367	MOORHEAD STATE UNIVERSITY	MOORHEAD	MN	56560
007115	MOORPARK COLLEGE	MOORPARK	CA	93021
009256	MORAINE PARK TECH INST	FOND DU LAC	WI	54935
599003	MORAINE PARK TECHNICAL INSTITUTE	BEAVER DAM	WI	53916
007692	MORAINE VLY CMTY COLLEGE	PALOS HILLS	IL	60465
001976	MOREHEAD STATE UNIVERSITY	MOREHEAD	KY	40351
001582	MOREHOUSE COLLEGE	ATLANTA	GA	30314
002083	MORGAN STATE UNIVERSITY	BALTIMORE	MD	21239
001879	MORNINGSIDE COLLEGE	SIOUX CITY	IA	51106
001583	MORRIS BROWN COLLEGE	ATLANTA	GA	30314
003439	MORRIS COLLEGE	SUMTER	SC	29150
401520	MORRIS COUNTY AREA VOCATIONAL TECHNICAL SCHOO	DENVILLE	NJ	07834
029123	MORRIS JC OF BUSINESS	MELBOURNE	FL	32935
008880	MORRISON INST OF TECHN	MORRISON	IL	61270
002261	MOTT, CHARLES C C	FLINT	MI	48503
002192	MOUNT HOLYOKE COLLEGE	SOUTH HADLEY	MA	01075
003204	MOUNT HOOD CMTY COLLEGE	GRESHAM	OR	97030
002193	MOUNT IDA JUNIOR COLLEGE	NEWTON CENTRE	MA	02159
003465	MOUNT MARTY COLLEGE	YANKTON	SD	57078
003869	MOUNT MARY COLLEGE	MILWAUKEE	WI	53222
001880	MOUNT MERCY COLLEGE	CEDAR RAPIDS	IA	52402
003033	MOUNT SAINT JOS-ON-THE-OHIO C	MT ST JOSEPH	OH	45051
002778	MOUNT SAINT MARY COLLEGE	NEWBURGH	NY	12550
002703	MOUNT SAINT VINCENT, C OF	RIVERDALE	NY	10471
001245	MOUNT SAN ANTONIO COLLEGE	WALNUT	CA	91789
001243	MOUNT SNT MARY'S COLLEGE	LOS ANGELES	CA	90049
002086	MOUNT SNT MARY'S COLLEGE	EMMITSBURG	MD	21727
003083	MOUNT UNION COLLEGE	ALLIANCE	OH	44601
007085	MOUNT VERNON NAZARENE C	MOUNT VERNON	OH	43050
141713	MR DOMINICK'S SCHOOL OF HAIR DESIGN	WHITTIER	CA	90606
366001	MR RICHS BEAUTY COLLEGE	MISSOULA	MT	59801
001246	MT SAN JACINTO COLLEGE	SAN JACINTO	CA	92383
003304	MUHLENBERG COLLEGE	ALLENTOWN	PA	18104
401522	MUHLENBERG HOSP SCH OF RADIOLOGIC TECHNOLOGY	PLAINFIELD	NJ	07061
003206	MULTNOMAH SCHOOL OF BIBLE	PORTLAND	OR	97220
001731	MUNDELEIN COLLEGE	CHICAGO	IL	60660
003158	MURRAY STATE COLLEGE	TISHOMINGO	OK	73460
001977	MURRAY STATE UNIVERSITY	MURRAY	KY	42071
002296	MUSKEGON BUSINESS COLLEGE	MUSKEGON	MI	49442
002297	MUSKEGON CMTY COLLEGE	MUSKEGON	MI	49442
003084	MUSKINGUM COLLEGE	NEW CONCORD	OH	43762
001247	NAPA COLLEGE	NAPA	CA	94558
520039	NASHVILLE AUTO DIESEL COLLEGE	NASHVILLE	TN	37206
529031	NASHVILLE STATE AREA VOCATIONAL-TECHNICAL SCH	NASHVILLE	TN	37209
008145	NASHVILLE STATE TECH INST	NASHVILLE	TN	37209
002873	NASSAU COMMUNITY COLLEGE	GARDEN CITY	NY	11530
160038	NATIONAL ACADEMY OF HAIRDRESSING	STAMFORD	CT	06901
570187	NATIONAL BARBER COLLEGE	TACOMA	WA	98499
003726	NATIONAL BUSINESS COLLEGE	ROANOKE	VA	24011
001733	NATIONAL C ED MAIN CAM	EVANSTON	IL	60201

FICE	SCHOOL	CITY	ST	ZIP
001743	NATIONAL C ED URBAN CAM	CHICAGO	IL	60603
004057	NATIONAL COLLEGE	RAPID CITY	SD	57701
140043	NATIONAL EDUCATION CENTER BRYMAN CAMPUS	SAN FRANCISCO	CA	94103
481599	NATIONAL SCHOOL OF HEALTH TECHNOLOGY	PHILADELPHIA	PA	19103
450616	NATIONAL SCHOOL OF MEAT CUTTING	TOLEDO	OH	43604
011460	NATIONAL UNIVERSITY	SAN DIEGO	CA	92108
008246	NAVAJO COMMUNITY COLLEGE	TSAILE	AZ	86556
001310	NAVAL POSTGRADUATE SCHOOL	MONTEREY	CA	93940
003593	NAVARRO COLLEGE	CORSICANA	TX	75110
002905	NC AGRL & TECH STATE U	GREENSBORO	NC	27411
002907	NC AT ASHEVILLE,U OF	ASHEVILLE	NC	28814
002974	NC AT CHAPEL HILL,U OF	CHAPEL HILL	NC	27514
002975	NC AT CHARLOTTE,U OF	CHARLOTTE	NC	28223
002976	NC AT GREENSBORO,U OF	GREENSBORO	NC	27412
002984	NC AT WILMINGTON,U OF	WILMINGTON	NC	28403
002950	NC CENTRAL UNIVERSITY	DURHAM	NC	27707
002972	NC STATE U RALEIGH	RALEIGH	NC	27650
002951	NC WESLEYAN COLLEGE	ROCKY MOUNT	NC	27801
002997	ND STATE U CENTRAL OFFICE	FARGO	ND	58105
009265	ND STATE U MAIN CAMPUS	FARGO	ND	58105
002554	NEBRASKA AT OMAHA,U OF	OMAHA	NE	68182
008768	NEBRASKA CEN ADMIN ALL INST, U	LINCOLN	NE	68508
379501	NEBRASKA SCH OF TECH AG, U OF	CURTIS	NE	69025
002565	NEBRASKA-LINCOLN,U OF	LINCOLN	NE	68588
510019	NETTLETON COMMERCIAL COLLEGE	SIOUX FALLS	SD	57102
002569	NEVADA AT LAS VEGAS, U OF	LAS VEGAS	NV	89154
002568	NEVADA RENO,U OF	RENO	NV	89557
002194	NEW ENG CONSV OF MUSIC	BOSTON	MA	02115
007845	NEW ENG INST TECHNOLOGY	PROVIDENCE	RI	02907
313025	NEW ENGLAND BAPTIST HOSP SCH OF NURSING	BOSTON	MA	02120
002579	NEW ENGLAND COLLEGE	HENNIKER	NH	03242
310211	NEW ENGLAND SCHOOL OF ART & DESIGN	BOSTON	MA	02116
002050	NEW ENGLAND, U OF	BIDDEFORD	ME	04005
002580	NEW HAMPSHIRE COLLEGE	MANCHESTER	NH	03104
002590	NEW HAMPSHIRE KEENE ST C, U OF	KEENE	NH	03431
002591	NEW HAMPSHIRE PLYMOUTH ST C, U OF	PLYMOUTH	NH	03264
002589	NEW HAMPSHIRE,U OF	DURHAM	NH	03824
001397	NEW HAVEN,UNIVERSITY OF	WEST HAVEN	CT	06516
002621	NEW JERSEY INST TECH	NEWARK	NJ	07102
002663	NEW MEXICO ALL CAM, U OF	ALBUQUERQUE	NM	87131
010312	NEW MEXICO CEN OFF, U OF	ALBUQUERQUE	NM	87131
006881	NEW MEXICO GALLUP BRANCH, U OF	GALLUP	NM	87301
002653	NEW MEXICO HIGHLANDS U	LAS VEGAS	NM	87701
002654	NEW MEXICO INST OF MINING & TECH	SOCORRO	NM	87801
010313	NEW MEXICO MAIN CAM, U OF	ALBUQUERQUE	NM	87131
008773	NEW MEXICO ST U ALL CAM	LAS CRUCES	NM	88003
007136	NEW MEXICO ST U CEN OFF	LAS CRUCES	NM	88003
008854	NEW MEXICO ST U GRANTS BRANCH	GRANTS	NM	87020
002657	NEW MEXICO ST U MAIN CAM	LAS CRUCES	NM	88003
002015	NEW ORLEANS,UNIVERSITY OF	NEW ORLEANS	LA	70148
002704	NEW ROCHELLE,COLLEGE OF	NEW ROCHELLE	NY	10801
002780	NEW SCH FOR SOC RESEARCH	NEW YORK	NY	10011

FICE	SCHOOL	CITY	ST	ZIP
420467	NEW YORK BUSINESS SCHOOL	NEW YORK	NY	10018
008782	NEW YORK INST TECH ALL CAM	OLD WESTBURY	NY	11568
004804	NEW YORK INST TECH MAIN CAM	OLD WESTBURY	NY	11568
002782	NEW YORK INST TECH NYC CAM	NEW YORK	NY	10023
002783	NEW YORK LAW SCHOOL	NEW YORK	NY	10013
029036	NEW YORK SCH OF INTERIOR DESIGN	NEW YORK	NY	10022
420817	NEW YORK SCHOOL OF COMPUTER TECHNOLOGY	NEW YORK	NY	10019
002785	NEW YORK UNIVERSITY	NEW YORK	NY	10276
409018	NEWARK SKILLS CENTER	NEWARK	NJ	07104
003440	NEWBERRY COLLEGE	NEWBERRY	SC	29108
007484	NEWBURY JUNIOR COLLEGE	BOSTON	MA	02115
002874	NIAGARA CO CMTY COLLEGE	SANBORN	NY	14132
002788	NIAGARA UNIVERSITY	NIAGARA UNIV	NY	14109
002005	NICHOLLS STATE UNIVERSITY	THIBODAUX	LA	70310
002197	NICHOLS COLLEGE	DUDLEY	MA	01570
012014	NIELSEN ELECS INSTITUTE	CHARLESTON	SC	29405
331558	NINE ONE SIX AREA VOC-TECH INST	SAINT PAUL	MN	55110
530263	NIXON-CLAY COMMERCIAL COLLEGE	AUSTIN	TX	78767
560240	NORFOLK COLLEGE	NORFOLK	VA	23510
003765	NORFOLK STATE UNIVERSITY	NORFOLK	VA	23504
007954	NORMANDALE CMTY COLLEGE	BLOOMINGTON	MN	55431
029087	NORTERN NEW MEXICO C C	EL RITO	NM	87530
002187	NORTH ADAMS STATE COLLEGE	NORTH ADAMS	MA	01247
100127	NORTH ALABAMA COLLEGE OF COMMERCE	HUNTSVILLE	AL	35800
001016	NORTH ALABAMA,U OF	FLORENCE	AL	35630
170019	NORTH AMERICAN TRAINING ACADEMY	NEWARK	DE	19713
002369	NORTH CEN BIBLE COLLEGE	MINNEAPOLIS	MN	55404
005313	NORTH CEN TECH COLLEGE	MANSFIELD	OH	44906
001734	NORTH CENTRAL COLLEGE	NAPERVILLE	IL	60566
269011	NORTH CENTRAL KANSAS AREA VOC-TECH SCHOOL	BELOIT	KS	67420
005387	NORTH CENTRAL TECH INST	WAUSAU	WI	54401
007111	NORTH COUNTRY C C	SARANAC LAKE	NY	12983
001508	NORTH FLORIDA JR COLLEGE	MADISON	FL	32340
009841	NORTH FLORIDA,U OF	JACKSONVILLE	FL	32216
001585	NORTH GEORGIA COLLEGE	DAHLONEGA	GA	30533
003441	NORTH GREENVILLE COLLEGE	TIGERVILLE	SC	29688
011145	NORTH HARRIS CO COLLEGE	HOUSTON	TX	77073
002370	NORTH HENNEPIN C C	BROOKLYN PARK	MN	55445
001877	NORTH IOWA AREA CC	MASON CITY	IA	50401
351521	NORTH KANSAS CITY MEM HOSP--RADIOLOGIC TECHN	KANSAS CITY	MO	64116
029066	NORTH LAKE COLLEGE	IRVING	TX	75062
001735	NORTH PARK C & THEOL SEM	CHICAGO	IL	60625
009704	NORTH SEATTLE CC	SEATTLE	WA	98103
002173	NORTH SHORE CMTY COLLEGE	BEVERLY	MA	01915
003594	NORTH TEXAS ST UNIVERSITY	DENTON	TX	76203
141598	NORTH VALLEY OCCUPATIONAL CENTER	MISSION HILLS	CA	91345
007191	NORTHAMPTON CO AREA CC	BETHLEHEM	PA	18017
002020	NORTHEAST LOUISIANA U	MONROE	LA	71209
002426	NORTHEAST MISS JR COLLEGE	BOONEVILLE	MS	38829
002495	NORTHEAST MO ST U	KIRKSVILLE	MO	63501
009257	NORTHEAST WIS TECH INST	GREEN BAY	WI	54303
001693	NORTHEASTERN ILL U	CHICAGO	IL	60625

FICE	SCHOOL	CITY	ST	ZIP
001361	NORTHEASTERN JR COLLEGE	STERLING	CO	80751
003160	NORTHEASTERN OKLA A & M C	MIAMI	OK	74354
003161	NORTHEASTERN OKLA STATE U	TAHLEQUAH	OK	74464
002199	NORTHEASTERN UNIVERSITY	BOSTON	MA	02115
001082	NORTHERN ARIZ UNIVERSITY	FLAGSTAFF	AZ	86011
001349	NORTHERN COLORADO,U OF	GREELEY	CO	80639
002174	NORTHERN ESSEX C C	HAVERHILL	MA	01830
001737	NORTHERN ILL UNIVERSITY	DE KALB	IL	60115
001890	NORTHERN IOWA,U OF	CEDAR FALLS	IA	50613
009275	NORTHERN KY UNIVERSITY	HIGHLAND HTS	KY	41076
005760	NORTHERN MAINE VOC TECH INST	PRESQUE ISLE	ME	04769
002301	NORTHERN MICH UNIVERSITY	MARQUETTE	MI	49855
003162	NORTHERN OKLAHOMA COLLEGE	TONKAWA	OK	74653
003466	NORTHERN STATE COLLEGE	ABERDEEN	SD	57401
003727	NORTHERN VA CMTY COLLEGE	ANNANDALE	VA	22003
560022	NORTHERN VIRGINIA BUSINESS COLLEGE	FALLS CHURCH	VA	22042
011862	NORTHLAND PIONEER COLLEGE	HOLBROOK	AZ	86025
001248	NORTHROP UNIVERSITY	INGLEWOOD	CA	90306
002998	NORTHWEST BIBLE COLLEGE	MINOT	ND	58701
141623	NORTHWEST COLLEGE OF MEDICAL & DENTAL ASSTS	POMONA	CA	91768
004600	NORTHWEST IOWA TECH C	SHELDON	IA	51201
002427	NORTHWEST MISS JR COLLEGE	SENATOBIA	MS	38668
002496	NORTHWEST MO ST U	MARYVILLE	MO	64468
004861	NORTHWESTERN BUS C TECH CEN	LIMA	OH	45805
230133	NORTHWESTERN BUSINESS COLLEGE	CHICAGO	IL	60641
002371	NORTHWESTERN COLLEGE	ROSEVILLE	MN	55113
007353	NORTHWESTERN ELECTRONICS INST	COLUMBIA HEIGHT	MN	55421
330100	NORTHWESTERN ELECTRONICS INSTITUTE	MINNEAPOLIS	MN	55406
002302	NORTHWESTERN MICH COLLEGE	TRAVERSE CITY	MI	49684
002021	NORTHWESTERN ST U OF LA	NATCHITOCHES	LA	71457
001739	NORTHWESTERN UNIVERSITY	EVANSTON	IL	60201
008759	NORTHWOOD INSTITUTE	MIDLAND	MI	48640
003783	NORTWEST C ASSEMBLIES GOD	KIRKLAND	WA	98033
001399	NORWALK COMMUNITY COLLEGE	NORWALK	CT	06854
003692	NORWICH U MAIN CAM	NORTHFIELD	VT	05663
003085	NOTRE DAME COLLEGE	CLEVELAND	OH	44121
002065	NOTRE DAME MD,COLLEGE OF	BALTIMORE	MD	21210
001840	NOTRE DAME,UNIVERSITY OF	NOTRE DAME	IN	46556
001031	NTHEST ALA ST JR COLLEGE	RAINSVILLE	AL	35986
001824	OAKLAND CITY COLLEGE	OAKLAND CITY	IN	47660
008760	OAKLAND COMMUNITY COLLEGE	BLOOMFLD HLS	MI	48013
002307	OAKLAND UNIVERSITY	ROCHESTER	MI	48063
009896	OAKTON COMMUNITY COLLEGE	DES PLAINES	IL	60016
001033	OAKWOOD COLLEGE	HUNTSVILLE	AL	35806
003086	OBERLIN COLLEGE	OBERLIN	OH	44074
001249	OCCIDENTAL COLLEGE	LOS ANGELES	CA	90041
002624	OCEAN COUNTY COLLEGE	TOMS RIVER	NJ	08753
003596	ODESSA COLLEGE	ODESSA	TX	79762
003035	OHIO DOMINICAN COLLEGE	COLUMBUS	OH	43219
003099	OHIO INST OF TECHNOLOGY	COLUMBUS	OH	43209
003089	OHIO NORTHERN UNIVERSITY	ADA	OH	45810
010687	OHIO ST U AGRL TECH INST	WOOSTER	OH	44691

FICE	SCHOOL	CITY	ST	ZIP
450325	OHIO STATE SCHOOL OF COSMETOLOGY	COLUMBUS	OH	43215
008802	OHIO STATE U ALL CAMPUSES	COLUMBUS	OH	43210
003090	OHIO STATE U CENTRAL OFF	COLUMBUS	OH	43210
003092	OHIO STATE U LIMA BR	LIMA	OH	45804
006883	OHIO STATE U MAIN CAMPUS	COLUMBUS	OH	43210
003093	OHIO STATE U MANSFIELD BR	MANSFIELD	OH	44906
008803	OHIO U ALL CAMPUSES	ATHENS	OH	45701
008036	OHIO U CENTRAL OFFICE	ATHENS	OH	45701
003102	OHIO U CHILLICOTHE BR	CHILLICOTHE	OH	45601
003100	OHIO U MAIN CAMPUS	ATHENS	OH	45701
003108	OHIO U ZANESVILLE BRANCH	ZANESVILLE	OH	43701
003109	OHIO WESLEYAN UNIVERSITY	DELAWARE	OH	43015
004481	OHLONE COLLEGE	FREMONT	CA	94539
001510	OKALOOSA-WALTON JUNIOR C	NICEVILLE	FL	32578
008040	OKLA STATE U CEN OFFICE	STILLWATER	OK	74078
003170	OKLA STATE U MAIN CAMPUS	STILLWATER	OK	74074
003171	OKLA STATE U TECH INST	OKLAHOMA CITY	OK	73107
003164	OKLAHOMA BAPT UNIVERSITY	SHAWNEE	OK	74801
008041	OKLAHOMA CENTRAL OFF,U OF	NORMAN	OK	73019
003184	OKLAHOMA NORMAN CAM,U OF	NORMAN	OK	73019
003728	OLD DOMINION UNIVERSITY	NORFOLK	VA	23508
002308	OLIVET COLLEGE	OLIVET	MI	49076
001741	OLIVET NAZARENE COLLEGE	KANKAKEE	IL	60901
005372	OLYMPIA TECH CMTY COLLEGE	OLYMPIA	WA	98502
003784	OLYMPIC COLLEGE	BREMERTON	WA	98310
002875	ONONDAGA CMTY COLLEGE	SYRACUSE	NY	13215
130058	OPPORTUNITIES INDUSTRIALIZATION CENTER	LITTLE ROCK	AR	72206
488560	OPPORTUNITIES INDUSTRIALIZATION CENTER	PHILADELPHIA	PA	19122
003985	ORAL ROBERTS UNIVERSITY	TULSA	OK	74171
002876	ORANGE CO CMTY COLLEGE	MIDDLETOWN	NY	10940
001250	ORANGE COAST COLLEGE	COSTA MESA	CA	92626
140301	ORANGE COUNTY BUSINESS COLLEGE	ANAHEIM	CA	92805
190146	ORANGE MEMORIAL HOSPITAL SCH OF X-RAY TECHN	ORLANDO	FL	32806
008808	OREGON ALL CAM,U OF	EUGENE	OR	97403
003223	OREGON MAIN CAMPUS,U OF	EUGENE	OR	97403
009190	OREGON ST HI ED SYS OFFICE	EUGENE	OR	97403
003210	OREGON STATE UNIVERSITY	CORVALLIS	OR	97331
009185	OSCAR ROSE JUNIOR COLLEGE	MIDWEST CITY	OK	73110
001362	OTERO JUNIOR COLLEGE	LA JUNTA	CO	81050
001937	OTTAWA UNIVERSITY	OTTAWA	KS	66067
003110	OTTERBEIN COLLEGE	WESTERVILLE	OH	43081
003598	OUR LADY OF LAKE U	SAN ANTONIO	TX	78285
420518	OUR LADY OF VICTORY SECRETARIAL SCHOOL	PLATTSBURGH	NY	12901
400240	OVERLOOK HOSPITAL SCHOOL OF RADIOLOGIC TECHN	SUMMIT	NJ	07901
141089	OXNARD BEAUTY COLLEGE	OXNARD	CA	93030
012842	OXNARD COLLEGE	OXNARD	CA	93033
001094	OZARKS,COLLEGE OF THE	CLARKSVILLE	AR	72830
002500	OZARKS,SCHOOL OF THE	POINT LOOKOUT	MO	65726
002792	PACE U PLSNTVL-BRCLF CAM	PLEASANTVILLE	NY	10570
008784	PACE UNIVERSITY ALL CAM	NEW YORK	NY	10038
007970	PACE UNIVERSITY CEN OFF	NEW YORK	NY	10038
002791	PACE UNIVERSITY NEW YORK	NEW YORK	NY	10038

FICE	SCHOOL	CITY	ST	ZIP
140304	PACIFIC COLLEGE OF MEDICAL & DENTAL ASSTS	SAN DIEGO	CA	92116
001254	PACIFIC LUTH THEOL SEM	BERKELEY	CA	94708
003785	PACIFIC LUTH UNIVERSITY	TACOMA	WA	98447
003212	PACIFIC UNIVERSITY	FOREST GROVE	OR	97116
001329	PACIFIC,UNIVERSITY OF THE	STOCKTON	CA	95211
001587	PAINE COLLEGE	AUGUSTA	GA	30901
001512	PALM BEACH JUNIOR COLLEGE	LAKE WORTH	FL	33461
012300	PALMER C OF CHIROPRACTIC	DAVENPORT	IA	52803
001259	PALO VERDE COLLEGE	BLYTHE	CA	92225
001260	PALOMAR COLLEGE	SAN MARCOS	CA	92069
400065	PAN AMERICAN BUSINESS SCHOOL	UNION CITY	NJ	07087
003599	PAN AMERICAN UNIVERSITY	EDINBURG	TX	78539
003600	PANOLA JUNIOR COLLEGE	CARTHAGE	TX	75633
003601	PARIS JUNIOR COLLEGE	PARIS	TX	75460
529501	PARIS STATE AREA VOCATIONAL-TECHNICAL SCHOOL	PARIS	TN	38242
400136	PARISIAN BEAUTY ACADEMY	HACKENSACK	NJ	07601
003828	PARKERSBURG CMTY COLLEGE	PARKERSBURG	WV	26101
007118	PARKLAND COLLEGE	CHAMPAIGN	IL	61821
002793	PARSONS SCHOOL OF DESIGN	NEW YORK	NY	10011
001261	PASADENA CITY COLLEGE	PASADENA	CA	91106
590080	PATRICIA STEVENS CAREER COLLEGE	MILWAUKEE	WI	53201
146118	PATRICIA STEVENS FASHION CAREER COLLEGE	SAN DIEGO	CA	92101
003751	PATRICK HENRY CC	MARTINSVILLE	VA	24112
001034	PATRICK HENRY STATE JC	MONROEVILLE	AL	36460
109055	PATTERSON STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36116
003602	PAUL QUINN COLLEGE	WACO	TX	76704
002795	PAUL SMITH'S C ARTS & SCI	PAUL SMITHS	NY	12970
002088	PEABODY INST OF JHU	BALTIMORE	MD	21202
002430	PEARL RIVER JR COLLEGE	POPLARVILLE	MS	39470
003309	PEIRCE JUNIOR COLLEGE	PHILADELPHIA	PA	19102
003786	PENINSULA COLLEGE	PORT ANGELES	WA	98362
002484	PENN VALLEY CMTY COLLEGE	KANSAS CITY	MO	64111
010998	PENNSYLVANIA INST TECH	UPPER DARBY	PA	19082
003331	PENNSYLVANIA ST U ALTOONA	ALTOONA	PA	16603
003332	PENNSYLVANIA ST U BEAVER	MONACA	PA	15061
003333	PENNSYLVANIA ST U BEHREND C	ERIE	PA	16563
006814	PENNSYLVANIA ST U CAPITOL	MIDDLETOWN	PA	17057
003329	PENNSYLVANIA ST U CENTRAL OFFICE	UNIVERSITY PK	PA	16802
006922	PENNSYLVANIA ST U DELAWARE	MEDIA	PA	19063
003336	PENNSYLVANIA ST U FAYETTE	UNIONTOWN	PA	15401
006965	PENNSYLVANIA ST U MAIN CAM (U PK)	UNIVERSITY PK	PA	16802
003339	PENNSYLVANIA ST U MCKEESPORT	MCKEESPORT	PA	15132
003340	PENNSYLVANIA ST U MONT ALTO	MONT ALTO	PA	17237
003341	PENNSYLVANIA ST U NEW KENSINGTON	NEW KENSINGTN	PA	15068
003342	PENNSYLVANIA ST U OGONTZ	ABINGTON	PA	19001
003343	PENNSYLVANIA ST U SCHUYLKILL	SHYLKL HAVEN	PA	17972
003345	PENNSYLVANIA ST U SHENANGO VALLEY	SHARON	PA	16146
003346	PENNSYLVANIA ST U WILKES-BARRE	LEHMAN	PA	18627
003347	PENNSYLVANIA ST U YORK	YORK	PA	17403
007860	PENNSYLVANIA TECH INST	PITTSBURGH	PA	15222
003378	PENNSYLVANIA,U OF	PHILADELPHIA	PA	19104
001513	PENSACOLA JUNIOR COLLEGE	PENSACOLA	FL	32504

FICE	SCHOOL	CITY	ST	ZIP
001264	PEPPERDINE UNIVERSITY	MALIBU	CA	90265
002559	PERU STATE COLLEGE	PERU	NE	68421
002955	PFEIFFER COLLEGE	MISENHEIMER	NC	28109
003355	PHILADELPHIA C PERFORMING ARTS	PHILADELPHIA	PA	19102
003354	PHILADELPHIA C TEXTILES & SCI	PHILADELPHIA	PA	19144
480767	PHILADELPHIA SCHOOL OF OFFICE TRAINING	PHILADELPHIA	PA	19103
480772	PHILADELPHIA TECHNICAL INSTITUTE SCH OF TRADE	PHILADELPHIA	PA	19107
480773	PHILADELPHIA TRAINING CENTER	PHILADELPHIA	PA	19103
003249	PHILADELPHIA,CMTY COLLEGE	PHILADELPHIA	PA	19107
001103	PHILANDER SMITH COLLEGE	LITTLE ROCK	AR	72202
560627	PHILLIPS BUSINESS COLLEGE	LYNCHBURG	VA	24505
001104	PHILLIPS CO CMTY COLLEGE	HELENA	AR	72342
009221	PHILLIPS COLLEGE	GULFPORT	MS	39501
340012	PHILLIPS COLLEGE	JACKSON	MS	39201
003175	PHILLIPS UNIVERSITY	ENID	OK	73701
001078	PHOENIX COLLEGE	PHOENIX	AZ	85013
120197	PHOENIX INSTITUTE OF TECHNOLOGY	PHOENIX	AZ	85034
002956	PIEDMONT BIBLE COLLEGE	WINSTON-SALEM	NC	27101
003992	PIEDMONT TECH COLLEGE	GREENWOOD	SC	29646
007266	PIMA COMMUNITY COLLEGE	TUCSON	AZ	85709
339027	PINE TECHNICAL INST	PINE CITY	MN	55063
139012	PINES VOCATIONAL-TECHNICAL SCHOOL	PINE BLUFF	AR	71603
339028	PIPESTONE AREA VOCATIONAL-TECHNICAL INST	PIPESTONE	MN	56164
001926	PITTSBURG ST UNIVERSITY	PITTSBURG	KS	66762
008815	PITTSBURGH ALL CAM, U OF	PITTSBURGH	PA	15260
003380	PITTSBURGH BRADFORD, U OF	BRADFORD	PA	16701
008046	PITTSBURGH CEN OFFICE, U OF	PITTSBURGH	PA	15260
003381	PITTSBURGH GREENSBURG, U OF	GREENSBURG	PA	15601
003382	PITTSBURGH JOHNSTOWN, U OF	JOHNSTOWN	PA	15904
003379	PITTSBURGH MAIN CAM, U OF	PITTSBURGH	PA	15260
007437	PITTSBURGH TECH INST	PITTSBURGH	PA	15222
003383	PITTSBURGH TITUSVILLE, U OF	TITUSVILLE	PA	16354
350092	PLATT COLLEGE	SAINT JOSEPH	MO	64501
169016	PLATT REGIONAL VOCATIONAL-TECHNICAL SCHOOL	MILFORD	CT	06460
007638	PLATTE VLY BIBLE COLLEGE	SCOTTSBLUFF	NE	69361
400019	PLAZA SCHOOL	PARAMUS	NJ	07652
121553	PLAZA THREE INC	PHOENIX	AZ	85016
001262	POINT LOMA COLLEGE	SAN DIEGO	CA	92106
001514	POLK COMMUNITY COLLEGE	WINTER HAVEN	FL	33880
001173	POMONA COLLEGE	CLAREMONT	CA	91711
001268	PORTERVILLE COLLEGE	PORTERVILLE	CA	93257
003213	PORTLAND CMTY COLLEGE	PORTLAND	OR	97219
003216	PORTLAND STATE UNIVERSITY	PORTLAND	OR	97207
001401	POST COLLEGE	WATERBURY	CT	06708
003829	POTOMAC STATE COLLEGE	KEYSER	WV	26726
001640	PRAIRIE STATE COLLEGE	CHICAGO HTS	IL	60411
003630	PRAIRIE VIEW A&M U	PRAIRIE VIEW	TX	77446
001938	PRATT CMTY COLLEGE	PRATT	KS	67124
800024	PREPARATORY #2	MEXICO	RE	
029216	PRESTONBURG CMTY COLLEGE	PRESTONBURG	KY	41653
002089	PRINCE GEORGES CC	LARGO	MD	20772
002627	PRINCETON UNIVERSITY	PRINCETON	NJ	08544

FICE	SCHOOL	CITY	ST	ZIP
240096	PROFESSIONAL CAREERS INSTITUTES INC	INDIANAPOLIS	IN	46268
231558	PROVIDENT HOSPITAL SCHOOL OF X-RAY TECHNOLOGY	CHICAGO	IL	60615
007108	PUERTO RICO PIEDRAS, U OF	RIO PIEDRAS	PR	00931
003797	PUGET SOUND,UNIVERSITY OF	TACOMA	WA	98416
001827	PURDUE U CALUMET	HAMMOND	IN	46323
007888	PURDUE U CENTRAL OFFICE	W LAFAYETTE	IN	47907
001825	PURDUE U MAIN CAMPUS	W LAFAYETTE	IN	47907
001826	PURDUE U NORTH CEN CAMPUS	WESTVILLE	IN	46391
001745	QUINCY COLLEGE	QUINCY	IL	62301
010530	QUINEBAUG VALLEY CC	DANIELSON	CT	06239
001402	QUINNIPIAC COLLEGE	HAMDEN	CT	06518
003732	RADFORD UNIVERSITY	RADFORD	VA	24142
191735	RADIO ENGINEERING SCHOOLS	SARASOTA	FL	33577
450065	RAEDEL COLLEGE AND SECRETARIAL SCHOOL	CANTON	OH	44702
009344	RAMAPO C OF NEW JERSEY	MAHWAH	NJ	07430
005447	RANDOLPH TECHNICAL C	ASHEBORO	NC	27203
003734	RANDOLPH-MACON WOMAN'S C	LYNCHBURG	VA	24503
003603	RANGER JUNIOR COLLEGE	RANGER	TX	76470
350101	RANKEN TECHNICAL INSTITUTE	SAINT LOUIS	MO	63113
230245	RAY VOGUE SCHOOLS OF DESIGN	CHICAGO	IL	60611
010388	READING AREA CMTY COLLEGE	READING	PA	19603
009543	RED ROCKS COMM COLLEGE	GOLDEN	CO	80401
339041	RED WING AREA VOCATIONAL-TECHNICAL INSTITUTE	RED WING	MN	55066
001322	REDLANDS,UNIVERSITY OF	REDLANDS	CA	92373
001185	REDWOODS,COLLEGE OF THE	EUREKA	CA	95501
003217	REED COLLEGE	PORTLAND	OR	97202
002311	REFORMED BIBLE COLLEGE	GRAND RAPIDS	MI	49506
001363	REGIS COLLEGE	DENVER	CO	80221
002206	REGIS COLLEGE	WESTON	MA	02193
109029	REID STATE TECHNICAL COLLEGE	EVERGREEN	AL	36401
007119	REND LAKE COLLEGE	INA	IL	62846
003408	RHODE ISLAND C C	WARWICK	RI	02886
003407	RHODE ISLAND COLLEGE	PROVIDENCE	RI	02908
003409	RHODE ISLAND SCH OF DESIGN	PROVIDENCE	RI	02903
003414	RHODE ISLAND,U OF	KINGSTON	RI	02881
003604	RICE UNIVERSITY	HOUSTON	TX	77001
003707	RICHARD BLAND C WM & MARY	PETERSBURG	VA	23805
140327	RICHARDS BEAUTY COLLEGE	ONTARIO	CA	91762
331604	RICHFIELD BEAUTY COLLEGE	MINNEAPOLIS	MN	55423
010879	RICHLAND CMTY COLLEGE	DECATUR	IL	62526
008504	RICHLAND COLLEGE	DALLAS	TX	75231
800067	RICHMOND COLLEGE - KENNSINGTON CAMPUS	ENGLAND	RE	
003744	RICHMOND,UNIVERSITY OF	RICHMOND	VA	23173
001625	RICKS COLLEGE	REXBURG	ID	83440
002628	RIDER COLLEGE	LAWRENCEVILLE	NJ	08648
003116	RIO GRANDE COLLEGE	RIO GRANDE	OH	45674
001269	RIO HONDO COLLEGE	WHITTIER	CA	90608
003884	RIPON COLLEGE	RIPON	WI	54971
001270	RIVERSIDE CITY COLLEGE	RIVERSIDE	CA	92506
561522	RIVERSIDE HOSPITAL SCH OF PROF NURSING	NEWPORT NEWS	VA	23601
009914	ROANE STATE CMTY COLLEGE	HARRIMAN	TN	37748
003359	ROBERT MORRIS COLLEGE	CORAOPOLIS	PA	15108

FICE	SCHOOL	CITY	ST	ZIP
400091	ROBERTS WALSH BUSINESS SCHOOL	UNION	NJ	07083
002805	ROBERTS WESLEYAN COLLEGE	ROCHESTER	NY	14624
339025	ROCHESTER AREA VOCATIONAL-TECHNICAL INST	ROCHESTER	MN	55901
004811	ROCHESTER BUS INSTITUTE	ROCHESTER	NY	14604
002373	ROCHESTER CMTY COLLEGE	ROCHESTER	MN	55901
002806	ROCHESTER INST TECHNOLOGY	ROCHESTER	NY	14623
002894	ROCHESTER,UNIVERSITY OF	ROCHESTER	NY	14627
001747	ROCK VALLEY COLLEGE	ROCKFORD	IL	61101
002499	ROCKHURST COLLEGE	KANSAS CITY	MO	64110
002877	ROCKLAND CMTY COLLEGE	SUFFERN	NY	10901
009401	ROCKMONT COLLEGE	DENVER	CO	80226
004917	ROGER WILLIAMS C MAIN CAM	BRISTOL	RI	02809
001515	ROLLINS COLLEGE	WINTER PARK	FL	32789
126012	RON BAILIE SCHOOL OF BROADCASTING	PHOENIX	AZ	85012
001749	ROOSEVELT UNIVERSITY	CHICAGO	IL	60605
001750	ROSARY COLLEGE	RIVER FOREST	IL	60305
003360	ROSEMONT COLLEGE	ROSEMONT	PA	19010
011930	ROXBURY COMMUNITY COLLEGE	ROXBURY	MA	02119
002810	RUSSELL SAGE C MAIN CAM	TROY	NY	12180
002811	RUSSELL SAGE JC OF ALBANY	ALBANY	NY	12208
002433	RUST COLLEGE	HOLLY SPRINGS	MS	38635
008771	RUTGERS THE ST U ALL CAM	NEW BRUNSWICK	NJ	08903
002629	RUTGERS THE ST U CEN OFF	NEW BRUNSWICK	NJ	08903
004741	RUTGERS U CAMDEN CAMPUS	CAMDEN	NJ	08102
006964	RUTGERS U NEW BRUNSWICK	NEW BRUNSWICK	NJ	08903
002631	RUTGERS U NEWARK CAMPUS	NEWARK	NJ	07102
007817	RUTLEDGE C WINSTON-SALEM	WINSTON-SALEM	NC	27102
011195	RUTLEDGE COLLEGE	FAYETTEVILLE	NC	28301
011600	RUTLEDGE COLLEGE	GREENSBORO	NC	27401
500041	RUTLEDGE COLLEGE	GREENVILLE	SC	29607
560320	RUTLEDGE COLLEGE	RICHMOND	VA	23220
003448	S C AT COLUMBIA, U OF	COLUMBIA	SC	29208
001030	S D BISHOP ST JR COLLEGE	MOBILE	AL	36690
001233	SACRAMENTO CITY COLLEGE	SACRAMENTO	CA	95822
002959	SACRED HEART COLLEGE	BELMONT	NC	28012
002313	SACRED HEART SEMINARY C	DETROIT	MI	48206
001403	SACRED HEART UNIVERSITY	BRIDGEPORT	CT	06606
003937	SACRED HEART, U OF THE	SANTURCE	PR	00914
008918	SADDLEBACK CMTY COLLEGE	MISSION VIEJO	CA	92692
002314	SAGINAW VLY STATE COLLEGE	UNIV CTR	MI	48710
001889	SAINT AMBROSE COLLEGE	DAVENPORT	IA	52803
002967	SAINT ANDREWS PRESB C	LAURINBURG	NC	28352
002587	SAINT ANSELM COLLEGE	MANCHESTER	NH	03102
199001	SAINT AUGUSTINE TECHNICAL CENTER	SAINT AUGUSTINE	FL	32084
002968	SAINT AUGUSTINES COLLEGE	RALEIGH	NC	27611
002341	SAINT BENEDICT,COLLEGE OF	SAINT JOSEPH	MN	56374
002817	SAINT BONAVENTURE U	ST BONVENTURE	NY	14778
002342	SAINT CATHERINE, C OF	SAINT PAUL	MN	55105
003364	SAINT CHARLES BORROMEO SEM	PHILADELPHIA	PA	19151
002310	SAINT CLAIR CO C C	PORT HURON	MI	48060
002377	SAINT CLOUD ST UNIVERSITY	SAINT CLOUD	MN	56301
003621	SAINT EDWARD'S UNIVERSITY	AUSTIN	TX	78704

FICE	SCHOOL	CITY	ST	ZIP
002820	SAINT FRANCIS COLLEGE	BROOKLYN	NY	11201
001664	SAINT FRANCIS,COLLEGE OF	JOLIET	IL	60435
003183	SAINT GREGORY'S COLLEGE	SHAWNEE	OK	74801
002821	SAINT JOHN FISHER COLLEGE	ROCHESTER	NY	14618
002214	SAINT JOHN'S SEMINARY	BRIGHTON	MA	02135
002379	SAINT JOHN'S UNIVERSITY	COLLEGEVILLE	MN	56321
002823	SAINT JOHN'S UNIVERSITY	JAMAICA	NY	11439
230154	SAINT JOHNS HOSPITAL SCHOOL OF NURSING	SPRINGFIELD	IL	62701
001523	SAINT JOHNS RIVER CC	PALATKA	FL	32077
001409	SAINT JOSEPH COLLEGE	WEST HARTFORD	CT	06117
230155	SAINT JOSEPH HOSPITAL SCHOOL OF NURSING	JOLIET	IL	60435
320133	SAINT JOSEPH HOSPITAL SCHOOL OF X-RAY TECHN	MOUNT CLEMENS	MI	48044
029081	SAINT JOSEPH'S C SUFFOLK CAM	PATCHOGUE	NY	11772
002051	SAINT JOSEPH'S COLLEGE	NORTH WINDHAM	ME	04062
003367	SAINT JOSEPH'S UNIVERSITY	PHILADELPHIA	PA	19131
002829	SAINT LAWRENCE UNIVERSITY	CANTON	NY	13617
001526	SAINT LEO COLLEGE	SAINT LEO	FL	33574
002470	SAINT LOUIS C C FLORISSANT VALLEY	SAINT LOUIS	MO	63135
002471	SAINT LOUIS C C FOREST PARK	SAINT LOUIS	MO	63110
002504	SAINT LOUIS C OF PHARM	SAINT LOUIS	MO	63110
002472	SAINT LOUIS CC-MERAMEC	KIRKWOOD	MO	63122
008766	SAINT LOUIS U ALL CAM	SAINT LOUIS	MO	63103
008024	SAINT LOUIS U CENTRAL OFF	SAINT LOUIS	MO	63103
002506	SAINT LOUIS U MAIN CAMPUS	SAINT LOUIS	MO	63103
003970	SAINT LOUIS U-PARKS C	CAHOKIA	IL	62206
251522	SAINT LUKE'S SCHOOL OF NURSING	SIOUX CITY	IA	51104
250135	SAINT LUKES HOSPITAL SCHOOL OF NURSING	CEDAR RAPIDS	IA	52402
002095	SAINT MARY'S C OF MD	ST MARYS CY	MD	20686
001836	SAINT MARY'S COLLEGE	NOTRE DAME	IN	46556
002380	SAINT MARY'S COLLEGE	WINONA	MN	55987
003623	SAINT MARY'S U SAN ANTONIO	SAN ANTONIO	TX	78284
160101	SAINT MARYS HOSP SCH OF NURSING	WATERBURY	CT	06702
003694	SAINT MICHAEL'S COLLEGE	WINOOSKI	VT	05404
002382	SAINT OLAF COLLEGE	NORTHFIELD	MN	55057
002383	SAINT PAUL BIBLE COLLEGE	BIBLE COLLEGE	MN	55375
339029	SAINT PAUL VOCATIONAL-TECHNICAL INST	SAINT PAUL	MN	55102
002638	SAINT PETERS COLLEGE	JERSEY CITY	NJ	07306
400258	SAINT PETERS MEDICAL CENTER SCH OF NURSING	NEW BRUNSWICK	NJ	08903
001528	SAINT PETERSBG JR COLLEGE	ST PETERSBURG	FL	33733
003608	SAINT PHILIP'S COLLEGE	SAN ANTONIO	TX	78203
002705	SAINT ROSE,COLLEGE OF	ALBANY	NY	12203
001412	SAINT THOMAS SEMINARY	BLOOMFIELD	CT	06002
003654	SAINT THOMAS, U OF	HOUSTON	TX	77006
002345	SAINT THOMAS,COLLEGE OF	SAINT PAUL	MN	55105
003368	SAINT VINCENT COLLEGE	LATROBE	PA	15650
160100	SAINT VINCENTS MED CTR SCH OF RADIOLOGIC T	BRIDGEPORT	CT	06606
001768	SAINT XAVIER COLLEGE	CHICAGO	IL	60655
003820	SALEM COLLEGE MAIN CAMPUS	SALEM	WV	26426
002091	SALISBURY STATE COLLEGE	SALISBURY	MD	21801
003411	SALVE REGINA-NEWPORT C	NEWPORT	RI	02840
003606	SAM HOUSTON ST UNIVERSITY	HUNTSVILLE	TX	77341
420623	SAMARITAN HOSPITAL SCHOOL OF NURSING	TROY	NY	12180

FICE	SCHOOL	CITY	ST	ZIP
001036	SAMFORD UNIVERSITY	BIRMINGHAM	AL	35209
003607	SAN ANTONIO C C DIST CEN OFF	SAN ANTONIO	TX	78284
009163	SAN ANTONIO COLLEGE	SAN ANTONIO	TX	78284
539085	SAN ANTONIO COLLEGE OF MED-DENTAL ASSISTANTS	SAN ANTONIO	TX	78201
009162	SAN ANTONIO DIST J C ALL CAM	SAN ANTONIO	TX	78284
536100	SAN ANTONIO TRADE SCHOOL	SAN ANTONIO	TX	78210
001272	SAN BERNARDINO VLY C	SN BERNARDINO	CA	92410
008895	SAN DIEGO CITY COLLEGE	SAN DIEGO	CA	92101
001275	SAN DIEGO MESA COLLEGE	SAN DIEGO	CA	92111
001151	SAN DIEGO STATE U	SAN DIEGO	CA	92182
010395	SAN DIEGO,UNIVERSITY OF	SAN DIEGO	CA	92110
029032	SAN FRANCISCO CC DIST	SAN FRANCISCO	CA	94103
143526	SAN FRANCISCO COMMUNITY COLLEGE	SAN FRANCISCO	CA	94103
001154	SAN FRANCISCO STATE U	SAN FRANCISCO	CA	94132
029136	SAN JACINTO C ALL CAM	PASADENA	TX	77505
003609	SAN JACINTO C CENTRAL CAM	PASADENA	TX	77505
012713	SAN JACINTO C NORTH CAM	HOUSTON	TX	77049
001280	SAN JOAQUIN DELTA COLLEGE	STOCKTON	CA	95207
029042	SAN JOSE CC DIST OFFICE	SAN JOSE	CA	95135
001282	SAN JOSE CITY COLLEGE	SAN JOSE	CA	95128
001155	SAN JOSE STATE U	SAN JOSE	CA	95192
151550	SAN JUAN BASIN AREA VOCATIONAL SCHOOL	CORTEZ	CO	81321
004697	SAN MATEO CC DIST SYS OFF	SAN MATEO	CA	94402
008713	SAN MATEO CC SYS ALL INST	SAN MATEO	CA	94403
001181	SAN MATEO,COLLEGE OF	SAN MATEO	CA	94402
350086	SANFORD-BROWN COLLEGE OF BUSINESS	SAINT ANN	MO	63074
009333	SANGAMON STATE UNIVERSITY	SPRINGFIELD	IL	62708
001284	SANTA ANA COLLEGE	SANTA ANA	CA	92706
001285	SANTA BARBARA CTY COLLEGE	SANTA BARBARA	CA	93109
001326	SANTA CLARA,UNIVERSITY OF	SANTA CLARA	CA	95053
001519	SANTA FE CMTY COLLEGE	GAINESVILLE	FL	32601
001286	SANTA MONICA COLLEGE	SANTA MONICA	CA	90405
001287	SANTA ROSA JUNIOR COLLEGE	SANTA ROSA	CA	95401
001752	SAUK VALLEY COLLEGE	DIXON	IL	61021
209017	SAVANNAH AREA VOCATIONAL-TECHNICAL SCHOOL	SAVANNAH	GA	31401
001590	SAVANNAH STATE COLLEGE	SAVANNAH	GA	31404
140348	SAWYER COLLEGE OF BUSINESS	PASADENA	CA	91106
140349	SAWYER COLLEGE OF BUSINESS	VAN NUYS	CA	91405
141160	SAWYER COLLEGE OF BUSINESS	VENTURA	CA	93003
246015	SAWYER COLLEGE OF BUSINESS	HAMMOND	IN	46320
456031	SAWYER COLLEGE OF BUSINESS	CLEVELAND	OH	44118
146361	SAWYER SCHOOL	ANAHEIM	CA	92802
480853	SAWYER SCHOOL	PITTSBURGH	PA	15222
400094	SAWYER SCHOOL OF BUSINESS	ELIZABETH	NJ	07208
008819	SC ALL CAMPUSES,U OF	COLUMBIA	SC	29208
003449	SC AT AIKEN,U OF	AIKEN	SC	29801
003453	SC AT LANCASTER,U OF	LANCASTER	SC	29720
003454	SC AT SALKEHATCHIE,U OF	ALLENDALE	SC	29810
006951	SC AT SPARTANBURG,U OF	SPARTANBURG	SC	29303
008049	SC CENTRAL OFFICE,U OF	COLUMBIA	SC	29208
003451	SC COASTAL CAROLINA, U OF	CONWAY	SC	29526
003446	SC STATE COLLEGE	ORANGEBURG	SC	29117

FICE	SCHOOL	CITY	ST	ZIP
006785	SCHENECTADY COUNTY CC	SCHENECTADY	NY	12305
001753	SCHOOL OF THE ART INST CHGO	CHICAGO	IL	60603
002315	SCHOOLCRAFT COLLEGE	LIVONIA	MI	48152
003167	SCI & ARTS OF OKLA,U OF	CHICKASHA	OK	73018
004074	SCOTT COMMUNITY COLLEGE	BETTENDORF	IA	52722
008304	SCOTTSDALE CMTY COLLEGE	SCOTTSDALE	AZ	85253
003384	SCRANTON,UNIVERSITY OF	SCRANTON	PA	18510
001174	SCRIPPS COLLEGE	CLAREMONT	CA	91711
529050	SEA ISLE VOCATIONAL TECHNICAL CENTER	MEMPHIS	TN	38117
009706	SEATTLE CC SOUTH CAMPUS	SEATTLE	WA	98106
003788	SEATTLE PACIFIC U	SEATTLE	WA	98119
003790	SEATTLE UNIVERSITY	SEATTLE	WA	98122
001037	SELMA UNIVERSITY	SELMA	AL	36701
001520	SEMINOLE CMTY COLLEGE	SANFORD	FL	32771
003178	SEMINOLE JUNIOR COLLEGE	SEMINOLE	OK	74868
001186	SEQUOIAS,COLLEGE OF THE	VISALIA	CA	93277
002632	SETON HALL UNIVERSITY	SOUTH ORANGE	NJ	07079
003362	SETON HILL COLLEGE	GREENSBURG	PA	15601
008228	SEWARD CO CMTY COLLEGE	LIBERAL	KS	67901
001289	SHASTA COLLEGE	REDDING	CA	96099
002962	SHAW UNIVERSITY	RALEIGH	NC	27611
012748	SHAWNEE ST CMTY COLLEGE	PORTSMOUTH	OH	45662
010439	SHELBY STATE CMTY COLLEGE	MEMPHIS	TN	38104
001062	SHELDON JACKSON COLLEGE	SITKA	AK	99835
480878	SHENAGO VALLEY COMMERCIAL INSTITUTE	SHARON	PA	16146
003822	SHEPHERD COLLEGE	SHEPHERDSTOWN	WV	25443
003930	SHERIDAN COLLEGE	SHERIDAN	WY	82801
199021	SHERIDAN VOCATIONAL CENTER	HOLLYWOOD	FL	33021
003326	SHIPPENSBURG ST COLLEGE	SHIPPENSBURG	PA	17257
003791	SHORELINE CMTY COLLEGE	SEATTLE	WA	98133
002816	SIENA COLLEGE	LOUDONVILLE	NY	12211
001290	SIERRA COMMUNITY COLLEGE	ROCKLIN	CA	95677
002208	SIMMONS COLLEGE	BOSTON	MA	02115
001887	SIMPSON COLLEGE	INDIANOLA	IA	50125
003119	SINCLAIR CMTY COLLEGE	DAYTON	OH	45402
001187	SISKIYOUS,COLLEGE OF THE	WEED	CA	96094
002814	SKIDMORE COLLEGE	SARATOGA SPG	NY	12866
007713	SKYLINE COLLEGE	SAN BRUNO	CA	94066
003327	SLIPPERY ROCK UNIVERSITY	SLIPPERY ROCK	PA	16057
002209	SMITH COLLEGE	NORTHAMPTON	MA	01063
001038	SNEAD STATE JR COLLEGE	BOAZ	AL	35957
003679	SNOW COLLEGE	EPHRAIM	UT	84627
007731	SOMERSET COUNTY COLLEGE	SOMERVILLE	NJ	08876
001057	SOUTH ALABAMA,U OF	MOBILE	AL	36688
141538	SOUTH BAY COLLEGE OF BUSINESS	HAWTHORNE	CA	90250
359022	SOUTH CENTRAL AREA PRACTICAL NURSING SCHOOL	WEST PLAINS	MO	65775
231584	SOUTH CHICAGO COMM HOSPITAL RADIOLOGIC TECHN	CHICAGO	IL	60617
010299	SOUTH DAKOTA CEN OFFICE, U OF	VERMILLION	SD	57069
003474	SOUTH DAKOTA MAIN CAM, U OF	VERMILLION	SD	57069
003470	SOUTH DAKOTA SCH MINES & TECH	RAPID CITY	SD	57701
003472	SOUTH DAKOTA SPRINGFIELD, U OF	SPRINGFIELD	SD	57062
003471	SOUTH DAKOTA ST U	BROOKINGS	SD	57007

FICE	SCHOOL	CITY	ST	ZIP
001537	SOUTH FLORIDA,U OF	TAMPA	FL	33620
001592	SOUTH GEORGIA COLLEGE	DOUGLAS	GA	31533
209022	SOUTH GEORGIA VOCATIONAL-TECHNICAL SCHOOL	AMERICUS	GA	31709
010391	SOUTH OKLA CTY JR COLLEGE	OKLAHOMA CITY	OK	73159
003611	SOUTH PLAINS COLLEGE	LEVELLAND	TX	79336
003534	SOUTH,UNIVERSITY OF THE	SEWANEE	TN	37375
004723	SOUTHEAST CC MILFORD CAM	MILFORD	NE	68405
002501	SOUTHEAST MO ST U	CPE GIRARDEAU	MO	63701
191743	SOUTHEASTERN ACADEMY INC	KISSIMMEE	FL	32741
008740	SOUTHEASTERN CMTY COLLEGE	W BURLINGTON	IA	52655
002024	SOUTHEASTERN LA U	HAMMOND	LA	70402
002210	SOUTHEASTERN MASS U	N DARTMOUTH	MA	02747
003179	SOUTHEASTERN OKLA ST U	DURANT	OK	74701
013176	SOUTHERN ARK U EL DORADO BR	EL DORADO	AR	71730
001107	SOUTHERN ARK U MAIN CAMPUS	MAGNOLIA	AR	71753
140360	SOUTHERN CAL C OF MED & DENT CAREERS	ANAHEIM	CA	92804
029084	SOUTHERN CAL INST ARCH	SANTA MONICA	CA	90404
001328	SOUTHERN CALIFORNIA,U OF	LOS ANGELES	CA	90007
190010	SOUTHERN COLLEGE	ORLANDO	FL	32807
003518	SOUTHERN COLLEGE OF SEVENTH DAY ADVENTISTS	COLLEGEDALE	TN	37315
001365	SOUTHERN COLORADO,U OF	PUEBLO	CO	81001
001406	SOUTHERN CONN ST COLLEGE	NEW HAVEN	CT	06515
001619	SOUTHERN IDAHO,COLLEGE OF	TWIN FALLS	ID	83301
001758	SOUTHERN ILL U CARBONDALE	CARBONDALE	IL	62901
001759	SOUTHERN ILL U EDWARDSVILLE	EDWARDSVILLE	IL	62026
100012	SOUTHERN INSTITUTION	BIRMINGHAM	AL	35205
009435	SOUTHERN JC OF BUSINESS	BIRMINGHAM	AL	35203
009762	SOUTHERN MAINE, U OF	PORTLAND	ME	04103
003613	SOUTHERN METH UNIVERSITY	DALLAS	TX	75275
002441	SOUTHERN MISSISSIPPI,U OF	HATTIESBURG	MS	39406
005127	SOUTHERN OHIO COLLEGE	CINCINNATI	OH	45237
003219	SOUTHERN OREGON ST C	ASHLAND	OR	97520
009636	SOUTHERN U A & M C MAIN CAM	BATON ROUGE	LA	70813
009637	SOUTHERN U A&M C CEN OFF	BATON ROUGE	LA	70813
002026	SOUTHERN U IN NEW ORLEANS	NEW ORLEANS	LA	70126
004622	SOUTHERN U SHREVEPORT-BOSSIER	SHREVEPORT	LA	71107
003678	SOUTHERN UTAH ST COLLEGE	CEDAR CITY	UT	84720
003816	SOUTHERN WEST VA C C	HOLDEN	WV	25601
002502	SOUTHWEST BAPTIST U	BOLIVAR	MO	65613
002503	SOUTHWEST MO ST U	SPRINGFIELD	MO	65802
531614	SOUTHWEST SCHOOL OF MEDICAL ASSISTANTS	SAN ANTONIO	TX	78205
109049	SOUTHWEST STATE TECHNICAL COLLEGE	MOBILE	AL	36690
460118	SOUTHWEST TECHNICAL COLLEGE	OKLAHOMA CITY	OK	73129
003614	SOUTHWEST TEX JR COLLEGE	UVALDE	TX	78801
003615	SOUTHWEST TEXAS ST U	SAN MARCOS	TX	78666
007669	SOUTHWEST WISC VOC TECH INST	FENNIMORE	WI	53809
003616	SOUTHWESTERN ASSEMB GOD C	WAXAHACHIE	TX	75165
001294	SOUTHWESTERN COLLEGE	CHULA VISTA	CA	92010
419500	SOUTHWESTERN INDIAN POLYTECHNIC INSTITUTE	ALBUQUERQUE	NM	87114
002031	SOUTHWESTERN LA, U OF	LAFAYETTE	LA	70504
002317	SOUTHWESTERN MICH COLLEGE	DOWAGIAC	MI	49047
003181	SOUTHWESTERN OKLA ST U	WEATHERFORD	OK	73096

FICE	SCHOOL	CITY	ST	ZIP
008466	SOUTHWESTERN TECH C	SYLVA	NC	28779
001295	SOUTHWESTERN U SCH OF LAW	LOS ANGELES	CA	90005
003620	SOUTHWESTERN UNIVERSITY	GEORGETOWN	TX	78726
230169	SPARKS COLLEGE	SHELBYVILLE	IL	62565
007678	SPARTAN SCH AERONAUTICS	TULSA	OK	74151
003447	SPARTANBURG METH COLLEGE	SPARTANBURG	SC	29301
001594	SPELMAN COLLEGE	ATLANTA	GA	30314
003793	SPOKANE COMMUNITY COLLEGE	SPOKANE	WA	99202
009544	SPOKANE FLS CMTY COLLEGE	SPOKANE	WA	99204
002318	SPRING ARBOR COLLEGE	SPRING ARBOR	MI	49283
003363	SPRING GARDEN COLLEGE	CHESTNUT HILL	PA	19118
001041	SPRING HILL COLLEGE	MOBILE	AL	36608
002211	SPRINGFIELD COLLEGE	SPRINGFIELD	MA	01109
008078	SPRINGFIELD TECHNICAL CC	SPRINGFIELD	MA	01105
001761	SPRINGFLD COLLEGE IN ILL	SPRINGFIELD	IL	62702
008068	ST U SYS OF FLA SYS OFF	TALLAHASSEE	FL	32301
800062	ST. LUCIA SCHOOL OF MEDICINE, UNIV. OF	WEST INDIES	RE	
001305	STANFORD UNIVERSITY	STANFORD	CA	94305
010881	STARK TECHNICAL COLLEGE	CANTON	OH	44720
529019	STATE AREA VOCATIONAL-TECHNICAL SCHOOL	KNOXVILLE	TN	37919
009332	STATE COMMUNITY COLLEGE	E SAINT LOUIS	IL	62201
001306	STATE CTR CC DIST SYS OFF	FRESNO	CA	93704
007105	STATE TECH INST	MEMPHIS	TN	38134
012693	STATE TECH INST KNOXVILLE	KNOXVILLE	TN	37919
003624	STEPHEN F AUSTIN STATE U	NACOGDOCHES	TX	75962
002512	STEPHENS COLLEGE	COLUMBIA	MO	65201
001945	STERLING COLLEGE	STERLING	KS	67579
120179	STERLING SCHOOL	PHOENIX	AZ	85014
001531	STETSON UNIVERSITY	DELAND	FL	32720
002639	STEVENS INST TECHNOLOGY	HOBOKEN	NJ	07030
510035	STEWART SCHOOL OF HAIRSTYLING	ABERDEEN	SD	57401
800054	STOCKHOLM SCHOOL OF ECONOMICS	SWEDEN	RE	
009345	STOCKTON STATE COLLEGE	POMONA	NJ	08240
160135	STONE SCHOOL OF BUSINESS	NEW HAVEN	CT	06511
002217	STONEHILL COLLEGE	NORTH EASTON	MA	02356
001459	STRAYER COLLEGE	WASHINGTON	DC	20005
480963	STROUDSBURG SCHOOL OF COSMETOLOGY	STROUDSBURG	PA	18360
029249	SUFFOLK CO CC ALL CAMPUS	SELDEN	NY	11784
002878	SUFFOLK CO CC SELDEN CAM	SELDEN	NY	11784
002218	SUFFOLK UNIVERSITY	BOSTON	MA	02108
003625	SUL ROSS STATE UNIVERSITY	ALPINE	TX	79830
002879	SULLIVAN CO CMTY COLLEGE	LOCH SHELDRAKE	NY	12759
003995	SUMTER AREA TECH COLLEGE	SUMTER	SC	29150
002854	SUNY AGRL & TECH C ALFRED	ALFRED	NY	14802
002857	SUNY AGRL & TECH C DELHI	DELHI	NY	13753
002856	SUNY AGRL TECH C COBLESKL	COBLESKILL	NY	12043
002858	SUNY AGRL TECH C FARMNGDL	FARMINGDALE	NY	11735
002859	SUNY AGRL TECH C MORRISVL	MORRISVILLE	NY	13408
002835	SUNY AT ALBANY	ALBANY	NY	12222
002836	SUNY AT BINGHAMTON	BINGHAMTON	NY	13901
009554	SUNY AT BUFFALO ALL CAM	BUFFALO	NY	14214
002838	SUNY AT STONY BK MAIN CAM	STONY BROOK	NY	11794

FICE	SCHOOL	CITY	ST	ZIP
002851	SUNY C ENVRNMTL SCI-FORS	SYRACUSE	NY	13210
004750	SUNY C OF CERAMICS ALFRED	ALFRED	NY	14802
002841	SUNY COLLEGE AT BROCKPORT	BROCKPORT	NY	14420
002837	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14214
002842	SUNY COLLEGE AT BUFFALO	BUFFALO	NY	14222
002843	SUNY COLLEGE AT CORTLAND	CORTLAND	NY	13045
002844	SUNY COLLEGE AT FREDONIA	FREDONIA	NY	14063
002845	SUNY COLLEGE AT GENESEO	GENESEO	NY	14454
002846	SUNY COLLEGE AT NEW PALTZ	NEW PALTZ	NY	12562
002847	SUNY COLLEGE AT ONEONTA	ONEONTA	NY	13820
002848	SUNY COLLEGE AT OSWEGO	OSWEGO	NY	13126
002850	SUNY COLLEGE AT POTSDAM	POTSDAM	NY	13676
006791	SUNY COLLEGE AT PURCHASE	PURCHASE	NY	10577
007109	SUNY COLLEGE OLD WESTBURY	OLD WESTBURY	NY	11568
002849	SUNY COLLEGE PLATTSBURGH	PLATTSBURGH	NY	12901
002839	SUNY DOWNSTATE MEDL CTR	BROOKLYN	NY	11203
010286	SUNY EMPIRE STATE COLLEGE	SARATOGA SPG	NY	12866
004823	SUNY HLTH SCI CTR STNY BK	STONY BROOK	NY	11794
008788	SUNY SYS ALL INST	ALBANY	NY	12203
002855	SUNY-CANTON AGRL & TECH COLLEGE	CANTON	NY	13617
421693	SUPERIOR CAREER INSTITUTE	NEW YORK	NY	10011
002970	SURRY COMMUNITY COLLEGE	DOBSON	NC	27017
209018	SWAINSBORO AREA VOCATIONAL-TECHNICAL SCHOOL	SWAINSBORO	GA	30401
003370	SWARTHMORE COLLEGE	SWARTHMORE	PA	19081
003742	SWEET BRIAR COLLEGE	SWEET BRIAR	VA	24595
002882	SYRACUSE U MAIN CAMPUS	SYRACUSE	NY	13210
289030	T H HARRIS VOCATIONAL-TECHNICAL SCHOOL	OPELOUSAS	LA	70570
003796	TACOMA COMMUNITY COLLEGE	TACOMA	WA	98465
001309	TAFT COLLEGE	TAFT	CA	93268
001046	TALLADEGA COLLEGE	TALLADEGA	AL	35160
007586	TAMPA TECH INSTITUTE	TAMPA	FL	33610
190040	TAMPA TECHNICAL INSTITUTE	TAMPA	FL	33603
001538	TAMPA,UNIVERSITY OF	TAMPA	FL	33606
029093	TANANA VLY CC	FAIRBANKS	AK	99701
002513	TARKIO COLLEGE	TARKIO	MO	64491
003631	TARLETON STATE UNIVERSITY	STEPHENVILLE	TX	76402
531650	TARRANT CITY JUNIOR COLLEGE--NORTHEAST CAMPUS	HURST	TX	76053
008898	TARRANT CO JUNIOR COLLEGE	FORT WORTH	TX	76102
531774	TARRANT COUNTY JUNIOR COLLEGE--NORTHWEST CAMP	FORT WORTH	TX	76106
533358	TARRANT COUNTY JUNIOR COLLEGE--SOUTH CAMPUS	FORT WORTH	TX	76102
400105	TAYLOR BUSINESS INST	BRIDGEVIEW	NJ	08807
232450	TAYLOR BUSINESS INSTITUTE	CHICAGO	IL	60601
401555	TAYLOR BUSINESS INSTITUTE	PARAMUS	NJ	07652
420671	TAYLOR BUSINESS INSTITUTE	HEMPSTEAD	NY	11550
004825	TAYLOR BUSINESS INSTITUTE	NEW YORK	NY	10019
001838	TAYLOR UNIVERSITY	UPLAND	IN	46989
003627	TEMPLE JUNIOR COLLEGE	TEMPLE	TX	76501
003371	TEMPLE UNIVERSITY	PHILADELPHIA	PA	19122
008821	TENNESSEE ALL CAM,U OF	KNOXVILLE	TN	37916
003531	TENNESSEE AT MARTIN,U OF	MARTIN	TN	38238
008051	TENNESSEE CEN OFF,U OF	KNOXVILLE	TN	37916
003529	TENNESSEE CHATTANOOGA, U OF	CHATTANOOGA	TN	37402

INSTITUTIONS IN THE HS&B POSTSECONDARY SCHOOL TRANSCRIPT SURVEY
BY SCHOOL NAME

FICE	SCHOOL	CITY	ST	ZIP
006725	TENNESSEE CTR HEALTH SCI, U OF	MEMPHIS	TN	38163
007439	TENNESSEE INST ELECS	KNOXVILLE	TN	37917
003530	TENNESSEE KNOXVILLE,U OF	KNOXVILLE	TN	37916
520206	TENNESSEE SCH PRACTICAL NURSING	MARYVILLE	TN	37801
003522	TENNESSEE ST UNIVERSITY	NASHVILLE	TN	37203
003523	TENNESSEE TECHNOLOGICAL U	COOKEVILLE	TN	38501
003524	TENNESSEE TEMPLE U	CHATTANOOGA	TN	37404
008278	TERRA TECHNICAL COLLEGE	FREMONT	OH	43420
400179	TETERBORO SCHOOL OF AERONAUTICS	TETERBORO	NJ	07608
539008	TEXAS A & M UNIVERSITY--EXTENSION	COLLEGE STATION	TX	77843
003639	TEXAS A&I UNIVERSITY	KINGSVILLE	TX	78363
010366	TEXAS A&M U MAIN CAMPUS	COLLEGE STA	TX	77843
003629	TEXAS A&M U SYSTEM OFFICE	COLLEGE STA	TX	77843
003656	TEXAS AT ARLINGTON,U OF	ARLINGTON	TX	76019
003658	TEXAS AT AUSTIN,U OF	AUSTIN	TX	78712
009741	TEXAS AT DALLAS,U OF	RICHARDSON	TX	75080
003661	TEXAS AT EL PASO,U OF	EL PASO	TX	79968
029164	TEXAS AT TYLER, U OF	TYLER	TX	75701
003635	TEXAS CHIROPRACTIC C	PASADENA	TX	77505
003636	TEXAS CHRISTIAN U	FORT WORTH	TX	76129
003638	TEXAS COLLEGE	TYLER	TX	75702
011618	TEXAS HEALTH SCI CEN HOUSTON, U	HOUSTON	TX	77025
003659	TEXAS HEALTH SCI CEN SAN ANTONIO, U	SAN ANTONIO	TX	78284
003641	TEXAS LUTHERAN COLLEGE	SEGUIN	TX	78155
004952	TEXAS MED BRANCH GALVESTON, U	GALVESTON	TX	77550
009930	TEXAS PERMIAN BASIN,U OF	ODESSA	TX	79762
010115	TEXAS SAN ANTONIO,U OF	SAN ANTONIO	TX	78285
003642	TEXAS SOUTHERN UNIVERSITY	HOUSTON	TX	77004
003643	TEXAS SOUTHMOST COLLEGE	BROWNSVILLE	TX	78520
536115	TEXAS SOUTHMOST COLLEGE	BROWNSVILLE	TX	78520
009933	TEXAS ST TECH AMARILLO	AMARILLO	TX	79111
009225	TEXAS ST TECH HARLINGEN	HARLINGEN	TX	78551
009642	TEXAS ST TECH INST CEN OFF	WACO	TX	76705
003634	TEXAS ST TECH INST WACO	WACO	TX	76705
009932	TEXAS ST TECH SWEETWATER	SWEETWATER	TX	79556
003655	TEXAS SYSTEM OFFICE,U OF	AUSTIN	TX	78701
003644	TEXAS TECH UNIVERSITY	LUBBOCK	TX	79409
003645	TEXAS WESLEYAN COLLEGE	FORT WORTH	TX	76105
003646	TEXAS WOMAN'S UNIVERSITY	DENTON	TX	76204
003376	THIEL COLLEGE	GREENVILLE	PA	16125
002052	THOMAS COLLEGE	WATERVILLE	ME	04901
006871	THOMAS NELSN CMTY COLLEGE	HAMPTON	VA	23670
001769	THORNTON CMTY COLLEGE	SOUTH HOLLAND	IL	60473
003712	TIDEWATER CMTY COLLEGE	PORTSMOUTH	VA	23703
003121	TIFFIN UNIVERSITY	TIFFIN	OH	44883
001595	TIFT COLLEGE	FORSYTH	GA	31029
003131	TOLEDO,UNIVERSITY OF	TOLEDO	OH	43606
230193	TOM NOLEN'S CHRYSLER ACADEMY	DECATUR	IL	62523
002439	TOUGALOO COLLEGE	TOUGALOO	MS	39174
010142	TOURO COLLEGE	NEW YORK	NY	10036
002099	TOWSON STATE UNIVERSITY	BALTIMORE	MD	21204
003221	TREASURE VLY CMTY COLLEGE	ONTARIO	OR	97914

FICE	SCHOOL	CITY	ST	ZIP
109056	TRENHOLM STATE TECHNICAL COLLEGE	MONTGOMERY	AL	36108
002642	TRENTON STATE COLLEGE	TRENTON	NJ	08625
003526	TREVECCA NAZARENE COLLEGE	NASHVILLE	TN	37210
480993	TRI-CITY BARBER SCHOOL	PHILADELPHIA	PA	19141
009430	TRI-COUNTY COMMUNITY C	MURPHY	NC	28906
004926	TRI-COUNTY TECH COLLEGE	PENDLETON	SC	29670
001839	TRI-STATE UNIVERSITY	ANGOLA	IN	46703
001368	TRINIDAD STATE JR COLLEGE	TRINIDAD	CO	81082
001771	TRINITY CHRISTIAN COLLEGE	PALOS HEIGHTS	IL	60463
001414	TRINITY COLLEGE	HARTFORD	CT	06106
001460	TRINITY COLLEGE	WASHINGTON	DC	20017
001772	TRINITY COLLEGE	DEERFIELD	IL	60015
003695	TRINITY COLLEGE	BURLINGTON	VT	05401
003647	TRINITY UNIVERSITY	SAN ANTONIO	TX	78284
001773	TRITON COLLEGE	RIVER GROVE	IL	60171
001047	TROY STATE U MAIN CAMPUS	TROY	AL	36081
001597	TRUETT MCCONNELL COLLEGE	CLEVELAND	GA	30528
451622	TRUMBULL MEM HOSP SCH OF ANESTHESIOLOGY	WARREN	OH	44483
120063	TUCSON COLLEGE OF BUSINESS	TUCSON	AZ	85716
002219	TUFTS UNIVERSITY	MEDFORD	MA	02155
002029	TULANE U OF LOUISIANA	NEW ORLEANS	LA	70118
009763	TULSA JUNIOR COLLEGE	TULSA	OK	74119
003185	TULSA,UNIVERSITY OF	TULSA	OK	74104
009764	TUNXIS COMMUNITY COLLEGE	FARMINGTON	CT	06032
001050	TUSKEGEE INSTITUTE	TUSKEGEE INST	AL	36088
100165	TWENTIETH CENTURY COLLEGE	MOBILE	AL	36601
003648	TYLER JUNIOR COLLEGE	TYLER	TX	75701
002971	U NC GEN ADMIN CEN OFFICE	CHAPEL HILL	NC	27514
141707	UKIAH ADULT SCHOOL	UKIAH	CA	95482
002880	ULSTER CO CMTY COLLEGE	STONE RIDGE	NY	12484
003222	UMPQUA COMMUNITY COLLEGE	ROSEBURG	OR	97470
002643	UNION COLLEGE	CRANFORD	NJ	07016
002889	UNION COLLEGE	SCHENECTADY	NY	12308
006139	UNION COUNTY COLLEGE	CRANFORD	NJ	07016
401588	UNION TECHNICAL INSTITUTE	EATONTOWN	NJ	07751
003261	UNITED WESLEYAN COLLEGE	ALLENTOWN	PA	18103
003005	UNIV OF ND	GRAND FORKS	ND	58202
800035	UNIV. CATOLICA MADRE Y MAESTRA	DOMINICAN REPUB	RE	
800017	UNIV. NATIONAL OF HONDURAS	HONDURAS	RE	
126014	UNIVERSAL TECHNICAL INSTITUTE	PHOENIX	AZ	85017
800078	UNIVERSITE DE PARIS	FRANCE	RE	
001051	UNIVERSITY OF ALABAMA	UNIVERSITY	AL	35486
800023	UNIVERSITY OF MONTERREY	MEXICO	RE	
003385	URSINUS COLLEGE	COLLEGEVILLE	PA	19426
001369	US AIR FORCE ACADEMY	USAF ACADEMY	CO	80840
001415	US COAST GUARD ACADEMY	NEW LONDON	CT	06320
002893	US MILITARY ACADEMY	WEST POINT	NY	10996
002101	US NAVAL ACADEMY	ANNAPOLIS	MD	21402
003677	UTAH STATE UNIVERSITY	LOGAN	UT	84322
004027	UTAH TECH COLLEGE PROVO	PROVO	UT	84601
005220	UTAH TECH COLLEGE SALT LK	SALT LAKE CY	UT	84107
003675	UTAH,UNIVERSITY OF	SALT LAKE CY	UT	84112

FICE	SCHOOL	CITY	ST	ZIP
002883	UTICA C OF SYRACUSE U	UTICA	NY	13502
002445	UTICA JUNIOR COLLEGE	UTICA	MS	39175
209020	VALDOSTA AREA VOCATIONAL-TECHNICAL SCHOOL	VALDOSTA	GA	31601
001599	VALDOSTA STATE COLLEGE	VALDOSTA	GA	31698
006750	VALENCIA CMTY COLLEGE	ORLANDO	FL	32802
003008	VALLEY CITY STATE COLLEGE	VALLEY CITY	ND	58072
140375	VALLEY COMMERCIAL COLLEGE	MODESTO	CA	95354
003306	VALLEY FORGE CHRISTIAN C	PHOENIXVILLE	PA	19460
141216	VALLEY VOCATIONAL CENTER	LA PUENTE	CA	91744
001842	VALPARAISO UNIVERSITY	VALPARAISO	IN	46383
009903	VANCE-GRANVL CMTY COLLEGE	HENDERSON	NC	27536
003535	VANDERBILT UNIVERSITY	NASHVILLE	TN	37240
002895	VASSAR COLLEGE	POUGHKEEPSIE	NY	12601
006863	VENTURA CO CC SYS OFFICE	VENTURA	CA	93003
001334	VENTURA COLLEGE	VENTURA	CA	93003
003696	VERMONT ST AG C & U	BURLINGTON	VT	05405
003698	VERMONT TECHNICAL COLLEGE	RANDOLPH CTR	VT	05061
010060	VERNON REG JUNIOR COLLEGE	VERNON	TX	76384
001335	VICTOR VALLEY COLLEGE	VICTORVILLE	CA	92392
003662	VICTORIA COLLEGE	VICTORIA	TX	77901
002896	VILLA MARIA COLLEGE BFLO	BUFFALO	NY	14225
003388	VILLANOVA UNIVERSITY	VILLANOVA	PA	19085
001843	VINCENNES UNIVERSITY	VINCENNES	IN	47591
003745	VIRGINIA ALL CAM,U OF	CHARLOTTESVL	VA	22903
008058	VIRGINIA CEN OFFICE,U OF	CHARLOTTESVL	VA	22903
003735	VIRGINIA COMMONWEALTH U	RICHMOND	VA	23284
007099	VIRGINIA HIGHLANDS C C	ABINGDON	VA	24210
006968	VIRGINIA MAIN CAMPUS,U OF	CHARLOTTESVL	VA	22903
003753	VIRGINIA MILITARY INST	LEXINGTON	VA	24450
003754	VIRGINIA POLY INST AND ST U	BLACKSBURG	VA	24061
003764	VIRGINIA STATE UNIV	PETERSBURG	VA	23803
003766	VIRGINIA UNION UNIVERSITY	RICHMOND	VA	23220
003767	VIRGINIA WESLEYAN COLLEGE	NORFOLK	VA	23502
003760	VIRGINIA WESTERN C C	ROANOKE	VA	24015
029106	VISTA COLLEGE	BERKELEY	CA	94704
007468	VISUAL ARTS,SCHOOL OF	NEW YORK	NY	10010
410007	VO-TECH INSTITUTE	ALBUQUERQUE	NM	87192
450431	VOGUE BEAUTY ACADEMY	CLEVELAND	OH	44125
009912	VOLUNTEER ST CMTY COLLEGE	GALLATIN	TN	37066
461503	W P WILLIS SKILL CENTER	TAHLEQUAH	OK	74464
002899	WAGNER COLLEGE	STATEN ISLAND	NY	10301
002978	WAKE FOREST UNIVERSITY	WINSTON-SALEM	NC	27109
004844	WAKE TECHNICAL COLLEGE	RALEIGH	NC	27603
003799	WALLA WALLA COLLEGE	COLLEGE PLACE	WA	99324
007871	WALLACE ST CC-HNCV	HANCEVILLE	AL	35077
003135	WALSH COLLEGE	CANTON	OH	44720
002979	WARREN WILSON COLLEGE	SWANNANOA	NC	28778
001896	WARTBURG COLLEGE	WAVERLY	IA	50677
001949	WASHBURN U OF TOPEKA	TOPEKA	KS	66621
002108	WASHINGTON COLLEGE	CHESTERTOWN	MD	21620
181509	WASHINGTON HOSPITAL CENTER SCH OF X-RAY TECHN	WASHINGTON	DC	20010
481031	WASHINGTON HOSPITAL SCHOOL OF NURSING	WASHINGTON	PA	15301

FICE	SCHOOL	CITY	ST	ZIP
003389	WASHINGTON JEFF COLLEGE	WASHINGTON	PA	15301
180120	WASHINGTON SCHOOL FOR SECRETARIES	WASHINGTON	DC	20006
003800	WASHINGTON ST UNIVERSITY	PULLMAN	WA	99164
002520	WASHINGTON UNIVERSITY	SAINT LOUIS	MO	63130
003798	WASHINGTON,UNIVERSITY OF	SEATTLE	WA	98195
001423	WATERBURY ST TECH COLLEGE	WATERBURY	CT	06708
006931	WAUBONSEE CMTY COLLEGE	SUGAR GROVE	IL	60554
009258	WAUKESHA COUNTY TECH INST	PEWAUKEE	WI	53072
009230	WAYNE COUNTY CMTY COLLEGE	DETROIT	MI	48226
002566	WAYNE STATE COLLEGE	WAYNE	NE	68787
002329	WAYNE STATE UNIVERSITY	DETROIT	MI	48202
001540	WEBBER COLLEGE	BABSON PARK	FL	33827
003680	WEBER STATE COLLEGE	OGDEN	UT	84408
140311	WEBSTER CAREER COLLEGE	LOS ANGELES	CA	90012
002224	WELLESLEY COLLEGE	WELLESLEY	MA	02181
002901	WELLS COLLEGE	AURORA	NY	13026
001433	WESLEY COLLEGE	DOVER	DE	19901
011461	WESLEY COLLEGE	FLORENCE	MS	39073
001424	WESLEYAN UNIVERSITY	MIDDLETOWN	CT	06457
003328	WEST CHESTER ST COLLEGE	WEST CHESTER	PA	19380
001336	WEST COAST U MAIN CAMPUS	LOS ANGELES	CA	90020
003955	WEST FLORIDA,U OF	PENSACOLA	FL	32504
001601	WEST GEORGIA COLLEGE	CARROLLTON	GA	30118
001176	WEST HILLS COLLEGE	COALINGA	CA	93210
008596	WEST LOS ANGELES COLLEGE	CULVER CITY	CA	90230
003665	WEST TEXAS ST UNIVERSITY	CANYON	TX	79016
001338	WEST VALLEY COLLEGE	SARATOGA	CA	95070
580059	WEST VIRGINIA CAREER COLLEGE	MORGANTOWN	WV	26505
003825	WEST VIRGINIA INST TECH	MONTGOMERY	WV	25136
003826	WEST VIRGINIA ST C	INSTITUTE	WV	25112
003827	WEST VIRGINIA UNIVERSITY	MORGANTOWN	WV	26506
003830	WEST VIRGINIA WESLEYAN C	BUCKHANNON	WV	26201
281523	WESTBANK BUSINESS COLLEGE	MARRERO	LA	70072
420734	WESTCHESTER BUSINESS INSTITUTE	WHITE PLAINS	NY	10606
002881	WESTCHESTER CMTY COLLEGE	VALHALLA	NY	10595
002981	WESTERN CAROLINA U	CULLOWHEE	NC	28723
143276	WESTERN COLLEGE OF ALLIED HEALTH CAREERS	SACRAMENTO	CA	95821
001380	WESTERN CONN ST COLLEGE	DANBURY	CT	06810
001780	WESTERN ILL UNIVERSITY	MACOMB	IL	61455
007316	WESTERN IOWA TECH	SIOUX CITY	IA	51102
002002	WESTERN KY UNIVERSITY	BOWLING GREEN	KY	42101
002330	WESTERN MICH UNIVERSITY	KALAMAZOO	MI	49008
002537	WESTERN MONTANA COLLEGE	DILLON	MT	59725
002226	WESTERN NEW ENG COLLEGE	SPRINGFIELD	MA	01119
002664	WESTERN NM UNIVERSITY	SILVER CITY	NM	88061
003209	WESTERN OREGON ST C	MONMOUTH	OR	97361
002982	WESTERN PIEDMONT CC	MORGANTON	NC	28655
001372	WESTERN ST COLLEGE COLO	GUNNISON	CO	81230
009549	WESTERN TEXAS COLLEGE	SNYDER	TX	79549
003802	WESTERN WASH UNIVERSITY	BELLINGHAM	WA	98225
003840	WESTERN WIS TECH INST	LA CROSSE	WI	54601
001899	WESTMAR COLLEGE	LE MARS	IA	51031

FICE	SCHOOL	CITY	ST	ZIP
002646	WESTMINSTER CHOIR COLLEGE	PRINCETON	NJ	08540
003392	WESTMINSTER COLLEGE	NEW WILMINGTN	PA	16142
001341	WESTMONT COLLEGE	SANTA BARBARA	CA	93108
010176	WESTMORELAND COUNTY CC	YOUNGWOOD	PA	15697
010364	WHATCOM CMTY COLLEGE	BELLINGHAM	WA	98225
001781	WHEATON COLLEGE	WHEATON	IL	60187
002227	WHEATON COLLEGE	NORTON	MA	02766
003831	WHEELING COLLEGE	WHEELING	WV	26003
003803	WHITMAN COLLEGE	WALLA WALLA	WA	99362
169011	WHITNEY REGIONAL VOCATIONAL-TECHNICAL SCHOOL	HAMDEN	CT	06514
001342	WHITTIER COLLEGE	WHITTIER	CA	90608
260089	WICHITA BUSINESS COLLEGE	GLENDALE	KS	85302
531593	WICHITA FALLS SCHOOL OF VOCATIONAL NURSING	WICHITA FALLS	TX	76301
003313	WIDENER C OF WIDENER U	CHESTER	PA	19013
003141	WILBERFORCE UNIVERSITY	WILBERFORCE	OH	45384
400140	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	RED BANK	NJ	07701
421763	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	NEW YORK	NY	10016
481052	WILFRED ACADEMY OF HAIR & BEAUTY CULTURE	PHILADELPHIA	PA	19103
003394	WILKES COLLEGE	WILKES-BARRE	PA	18766
002983	WILKES COMMUNITY COLLEGE	WILKESBORO	NC	28697
003227	WILLAMETTE UNIVERSITY	SALEM	OR	97301
008055	WILLIAM & MARY CEN OFF,C	WILLIAMSBURG	VA	23185
003705	WILLIAM AND MARY, C OF	WILLIAMSBURG	VA	23185
002524	WILLIAM JEWELL COLLEGE	LIBERTY	MO	64068
002625	WILLIAM PATERSON COLLEGE	WAYNE	NJ	07470
001900	WILLIAM PENN COLLEGE	OSKALOOSA	IA	52577
002252	WILLIAM TYNDALE COLLEGE	FARMINGTN HLS	MI	48018
002525	WILLIAM WOODS COLLEGE	FULTON	MO	65251
002229	WILLIAMS COLLEGE	WILLIAMSTOWN	MA	01267
009322	WILLIAMSBURG TECH C	KINGSTREE	SC	29556
509012	WILLIAMSBURG TECHNICAL COLLEGE	KINGSTREE	SC	29556
003395	WILLIAMSPORT AREA CC	WILLIAMSPORT	PA	17701
481060	WILMA BOYD CAREER SCHOOL	PITTSBURGH	PA	15219
003142	WILMINGTON COLLEGE	WILMINGTON	OH	45177
003396	WILSON COLLEGE	CHAMBERSBURG	PA	17201
141229	WINANS HAIR ACADEMY	WATSONVILLE	CA	95076
002985	WINGATE COLLEGE	WINGATE	NC	28174
002394	WINONA STATE UNIVERSITY	WINONA	MN	55987
002986	WINSTON-SALEM STATE U	WINSTON-SALEM	NC	27102
003456	WINTHROP COLLEGE	ROCK HILL	SC	29733
003913	WISCONSIN CONSV OF MUSIC	MILWAUKEE	WI	53202
003897	WISCONSIN CTR SYS,U OF	MADISON	WI	53706
003917	WISCONSIN EAU CLAIRE,U OF	EAU CLAIRE	WI	54701
003899	WISCONSIN GREEN BAY,U OF	GREEN BAY	WI	54302
599002	WISCONSIN INDIANHEAD TECHNICAL INSTITUTE	ASHLAND	WI	54806
003919	WISCONSIN LA CROSSE,U OF	LA CROSSE	WI	54601
003895	WISCONSIN MADISON,U OF	MADISON	WI	53706
003896	WISCONSIN MILWAUKEE,U OF	MILWAUKEE	WI	53201
009630	WISCONSIN OSHKOSH,U OF	OSHKOSH	WI	54901
005015	WISCONSIN PARKSIDE,U OF	KENOSHA	WI	53141
003921	WISCONSIN PLATTEVL,U OF	PLATTEVILLE	WI	53818
003923	WISCONSIN RIVER FALLS, U OF	RIVER FALLS	WI	54022

FICE	SCHOOL	CITY	ST	ZIP
009621	WISCONSIN SCHOOL ELECS	MADISON	WI	53704
003924	WISCONSIN STEVENS POINT, U OF	STEVENS POINT	WI	54481
003915	WISCONSIN STOUT,U OF	MENOMONIE	WI	54751
003925	WISCONSIN SUPERIOR,U OF	SUPERIOR	WI	54880
003894	WISCONSIN SYS OFFICE,U OF	MADISON	WI	53706
029232	WISCONSIN VOC TECH AD ED DIST	SHELL LAKE	WI	54871
003926	WISCONSIN WHITEWATER,U OF	WHITEWATER	WI	53190
003143	WITTENBERG UNIVERSITY	SPRINGFIELD	OH	45501
003457	WOFFORD COLLEGE	SPARTANBURG	SC	29301
002448	WOOD JUNIOR COLLEGE	MATHISTON	MS	39752
001343	WOODBURY UNIVERSITY	LOS ANGELES	CA	90017
149504	WOODRUFF REGIONAL OCCUPATIONAL CENTER	STOCKTON	CA	95203
003037	WOOSTER,COLLEGE OF	WOOSTER	OH	44691
029053	WOR-WIC TECH CMTY COLLEGE	SALISBURY	MD	21801
002233	WORCESTER POLY INSTITUTE	WORCESTER	MA	01609
002190	WORCESTER STATE COLLEGE	WORCESTER	MA	01602
009168	WRIGHT ST U	DAYTON	OH	45435
009167	WRIGHT ST U ALL CAMPUSES	DAYTON	OH	45435
003932	WYOMING,UNIVERSITY OF	LARAMIE	WY	82071
003144	XAVIER UNIVERSITY	CINCINNATI	OH	45207
002032	XAVIER UNIVERSITY OF LA	NEW ORLEANS	LA	70125
003805	YAKIMA VALLEY CC	YAKIMA	WA	98902
001426	YALE UNIVERSITY	NEW HAVEN	CT	06520
029151	YESHIVA U OF LOS ANGELES	LOS ANGELES	CA	90035
002903	YESHIVA UNIVERSITY	NEW YORK	NY	10033
002567	YORK COLLEGE	YORK	NE	68467
003399	YORK COLLEGE PENNSYLVANIA	YORK	PA	17405
003996	YORK TECHNICAL COLLEGE	ROCK HILL	SC	29730
450684	YOUNGSTOWN COLLEGE OF BUSINESS & PROF DRAFTIN	YOUNGSTOWN	OH	44501
003145	YOUNGSTOWN ST UNIVERSITY	YOUNGSTOWN	OH	44555
001344	YUBA COLLEGE	MARYSVILLE	CA	95901

APPENDIX D: Course Subject Codes in Numerical Order

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AGRIBUSINESS AND AGRICULTURAL PRODUCTION

CIP CODE	COURSE TITLE
	AGRICULTURAL BUSINESS AND MANAGEMENT
010101	AGRICULTURAL BUSINESS AND MANAGEMENT, GENERAL
010102	AGRICULTURAL BUSINESS
010103	AGRICULTURAL ECONOMICS
010104	FARM AND RANCH MANAGEMENT
010199	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER
	AGRICULTURAL MECHANICS
010201	AGRICULTURAL MECHANICS, GENERAL
010202	AGRICULTURAL ELECTRIFICATION,POWER,AND CONTROLS
010203	AGRICULTURAL MECHANICS,CONSTRUCTION, AND MAINTENANCE SKILLS
010204	AGRICULTURAL POWER MACHINERY
010205	AGRICULTURAL STRUCTURES,EQUIPMENT,AND FACILITIES
010206	SOIL AND WATER MECHANICAL PRACTICES
010299	AGRICULTURAL MECHANICS,OTHER
	AGRICULTURAL PRODUCTION
010301	AGRICULTURAL PRODUCTION,GENERAL
010302	ANIMAL PRODUCTION
010303	AQUACULTURE
010304	CROP PRODUCTION
010305	GAME FARM MANAGEMENT
010399	AGRICULTURAL PRODUCTION,OTHER
	AGRICULTURAL PRODUCTS AND PROCESSING
010401	AGRICULTURAL PRODUCTS AND PROCESSING, GENERAL
010402	FOOD PRODUCTS
010403	NONFOOD PRODUCTS
010499	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER

AGRICULTURAL SERVICES AND SUPPLIES

010501	AGRICULTURAL SERVICES AND SUPPLIES, GENERAL
010502	AGRICULTURAL SERVICES
010503	AGRICULTURAL SUPPLIES MARKETING
010504	ANIMAL GROOMING
010505	ANIMAL TRAINING
010506	HORSESHOEING
010599	AGRICULTURAL SERVICES AND SUPPLIES, OTHER

HORTICULTURE

010601	HORTICULTURE,GENERAL
010602	ARBORICULTURE
010603	FLORICULTURE
010604	GREENHOUSE OPERATION AND MANAGEMENT
010605	LANDSCAPING
010606	NURSERY OPERATION AND MANAGEMENT
010607	TURF MANAGEMENT
010699	HORTICULTURE,OTHER

INTERNATIONAL AGRICULTURE

010701	INTERNATIONAL AGRICULTURE

AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER

019999	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER

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AGRICULTURAL SCIENCES

CIP CODE	COURSE TITLE
	AGRICULTURAL SCIENCES, GENERAL
020101	AGRICULTURAL SCIENCES,GENERAL
	ANIMAL SCIENCES
020201	ANIMAL SCIENCES,GENERAL
020202	ANIMAL BREEDING AND GENETICS

020203	ANIMAL HEALTH
020204	ANIMAL NUTRITION
020205	ANIMAL PHYSIOLOGY
020206	DAIRY
020207	FISHERIES SCIENCE
020208	LIVESTOCK
020209	POULTRY
020299	ANIMAL SCIENCES,OTHER

FOOD SCIENCES

020301	FOOD SCIENCES,GENERAL
020302	DAIRY PROCESSING
020303	FOOD DISTRIBUTION
020304	FOOD ENGINEERING
020305	FOOD PACKAGING
020306	FOOD TECHNOLOGY
020399	FOOD SCIENCES,OTHER

PLANT SCIENCES

020401	PLANT SCIENCES,GENERAL
020402	AGRONOMY
020403	HORTICULTURE SCIENCE
020404	ORNAMENTAL HORTICULTURE
020405	PLANT BREEDING AND GENETICS
020406	PLANT PATHOLOGY(APPLIED)
020407	PLANT PHYSIOLOGY
020408	PLANT PROTECTION(PEST MANAGEMENT)
020409	RANGE MANAGEMENT
020410	TURF MANAGEMENT SCIENCE
020499	PLANT SCIENCES,OTHER

	SOIL SCIENCES
020501	SOIL SCIENCES,GENERAL
020502	SOIL CHEMISTRY
020503	SOIL CONSERVATION
020504	SOIL MANAGEMENT AND FERTILITY
020505	SOIL MICROBIOLOGY
020506	SOIL PHYSICS
020599	SOIL SCIENCES,OTHER
	AGRICULTURAL SCIENCES,OTHER
029999	AGRICULTURAL SCIENCES,OTHER

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RENEWABLE NATURAL RESOURCES

CIP CODE	COURSE TITLE
	RENEWABLE NATURAL RESOURCES,GENERAL
030101	RENEWABLE NATURAL RESOURCES,GENERAL
	CONSERVATION AND REGULATION
030201	CONSERVATION AND REGULATION,GENERAL
030202	CONSERVATION
030203	RESOURCES PROTECTION AND REGULATION
030299	CONSERVATION AND REGULATION,OTHER
	FISHING AND FISHERIES
030301	FISHING AND FISHERIES,GENERAL
......	COMMERCIAL FISHING OPERATION (SEE 490303)
030302	FISHERIES
030399	FISHING AND FISHERIES,OTHER
	FORESTRY PRODUCTION AND PROCESSING
030401	FORESTRY PRODUCTION AND PROCESSING, GENERAL
030402	FOREST PRODUCTION
030403	FOREST PRODUCTS UTILIZATION

030404	FOREST PRODUCTS PROCESSING TECHNOLOGY
030405	LOGGING
030406	PULP AND PAPER PRODUCTION
030499	FORESTRY PRODUCTION AND PROCESSING,OTHER
	FORESTRY AND RELATED SCIENCES
030501	FORESTRY AND RELATED SCIENCES,GENERAL
030502	FORESTRY SCIENCE
030503	FOREST BIOLOGY
030504	FOREST ENGINEERING
030505	FOREST HYDROLOGY
030506	FOREST MANAGEMENT
030507	FOREST MENSURATION
030508	URBAN FORESTRY
030509	WOOD SCIENCE
030599	FORESTRY AND RELATED SCIENCES,OTHER
	WILDLIFE MANAGEMENT
030601	WILDLIFE MANAGEMENT
	RENEWABLE NATURAL RESOURCES,OTHER
039999	RENEWABLE NATURAL RESOURCES,OTHER

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ARCHITECTURE AND ENVIRONMENTAL DESIGN

CIP CODE	COURSE TITLE
	ARCHITECTURE AND ENVIRONMENTAL DESIGN,GENERAL
040101	ARCHITECTURE AND ENVIRONMENTAL DESIGN, GENERAL
	ARCHITECTURE
040201	ARCHITECTURE
	CITY,COMMUNITY, AND REGIONAL PLANNING
040301	CITY,COMMUNITY, AND REGIONAL PLANNING

	ENVIRONMENTAL DESIGN
040401	ENVIRONMENTAL DESIGN
	INTERIOR DESIGN
040501	INTERIOR DESIGN
	LANDSCAPE ARCHITECTURE
040601	LANDSCAPE ARCHITECTURE
	URBAN DESIGN
040701	URBAN DESIGN
	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER
049999	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER

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AREA AND ETHNIC STUDIES

CIP CODE	COURSE TITLE
	AREA STUDIES
050101	AFRICAN STUDIES
050102	AMERICAN STUDIES
050103	ASIAN STUDIES,GENERAL
050104	EAST ASIAN STUDIES
050105	EASTERN EUROPEAN STUDIES
050106	EUROPEAN STUDIES,GENERAL
050107	LATIN AMERICAN STUDIES
050108	MIDDLE EASTERN STUDIES
050109	PACIFIC AREA STUDIES
050110	RUSSIAN AND SLAVIC STUDIES
050111	SCANDINAVIAN STUDIES
050112	SOUTH ASIAN STUDIES
050113	SOUTHEAST ASIAN STUDIES
050114	WESTERN EUROPEAN STUDIES
050199	AREA STUDIES,OTHER

	ETHNIC STUDIES
050201	AFRO-AMERICAN (BLACK) STUDIES
050202	AMERICAN INDIAN STUDIES
050203	HISPANIC-AMERICAN STUDIES
050204	ISLAMIC STUDIES
050205	JEWISH STUDIES
050299	ETHNIC STUDIES,OTHER
	AREA AND ETHNIC STUDIES,OTHER
059999	AREA AND ETHNIC STUDIES,OTHER

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BUSINESS AND MANAGEMENT

CIP CODE	COURSE TITLE
	BUSINESS AND MANAGEMENT,GENERAL
060101	BUSINESS AND MANAGEMENT,GENERAL
	ACCOUNTING
060201	ACCOUNTING
	BANKING AND FINANCE
060301	BANKING AND FINANCE
	BUSINESS ADMINISTRATION AND MANAGEMENT
060401	BUSINESS ADMINISTRATION AND MANAGEMENT,GENERAL
060402	CONTRACT MANAGEMENT AND PROCUREMENT/PURCHASING
060403	PRODUCT MANAGEMENT
060404	SYSTEMS EFFICIENCY ANALYSIS
060499	BUSINESS ADMINISTRATION AND MANAGEMENT,OTHER
	BUSINESS ECONOMICS
060501	BUSINESS ECONOMICS
	HUMAN RESOURCES DEVELOPMENT
060601	HUMAN RESOURCES DEVELOPMENT

INSTITUTIONAL MANAGEMENT

060701	HOTEL/MOTEL MANAGEMENT
060702	RECREATIONAL ENTERPRISES MANAGEMENT
060703	RESORT MANAGEMENT
060704	RESTAURANT MANAGEMENT
060705	TRANSPORTATION MANAGEMENT
060799	INSTITUTIONAL MANAGEMENT,OTHER
	INSURANCE AND RISK MANAGEMENT
060801	INSURANCE AND RISK MANAGEMENT
	INTERNATIONAL BUSINESS MANAGEMENT
060901	INTERNATIONAL BUSINESS MANAGEMENT
	INVESTMENTS AND SECURITIES
061001	INVESTMENTS AND SECURITIES
	LABOR/INDUSTRIAL RELATIONS
061101	LABOR/INDUSTRIAL RELATIONS
	MANAGEMENT INFORMATION SYSTEMS
061201	MANAGEMENT INFORMATION SYSTEMS
	MANAGEMENT SCIENCE
061301	BUSINESS STATISTICS
061302	OPERATIONS RESEARCH (QUANTITATIVE METHODS)
061399	MANAGEMENT SCIENCE,OTHER
	MARKETING MANAGEMENT AND RESEARCH
061401	MARKETING MANAGEMENT
061402	MARKETING RESEARCH
061499	MARKETING MANAGEMENT AND RESEARCH,OTHER
	ORGANIZATIONAL BEHAVIOR
061501	ORGANIZATIONAL BEHAVIOR

	PERSONNEL MANAGEMENT
061601	PERSONNEL MANAGEMENT
	REAL ESTATE
061701	REAL ESTATE,GENERAL
061702	COMMERCIAL PROPERTY
061703	PROPERTY MANAGEMENT
061704	REAL ESTATE APPRAISAL
061705	REAL ESTATE FINANCE
061706	REAL ESTATE LAW
061707	RESIDENTIAL PROPERTY
061799	REAL ESTATE,OTHER
	SMALL BUSINESS MANAGEMENT AND OWNERSHIP
061801	SMALL BUSINESS MANAGEMENT
061802	SMALL BUSINESS OWNERSHIP
061899	SMALL BUSINESS MANAGEMENT AND OWNERSHIP,OTHER
	TAXATION
061901	TAXATION
	TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT
062001	TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT
	BUSINESS AND MANAGEMENT,OTHER
069999	BUSINESS AND MANAGEMENT,OTHER

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BUSINESS AND OFFICE

CIP CODE	COURSE TITLE
	ACCOUNTING,BOOKKEEPING, AND RELATED PROGRAMS
070101	ACCOUNTING,BOOKKEEPING, AND RELATED PROGRAMS, GENERAL
070102	ACCOUNTING AND COMPUTING
070103	BOOKKEEPING
070104	MACHINE BILLING,BOOKKEEPING, AND COMPUTING

070199	ACCOUNTING,BOOKKEEPING, AND RELATED PROGRAMS, OTHER
	BANKING AND RELATED FINANCIAL PROGRAMS
070201	BANKING AND RELATED FINANCIAL PROGRAMS,GENERAL
070202	CREDIT COLLECTION CLERK
070203	INSURANCE CLERK
070204	LOAN CLERK
070205	TELLER
070206	TRANSIT CLERK
070299	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER
	BUSINESS DATA PROCESSING AND RELATED PROGRAMS
070301	BUSINESS DATA PROCESSING AND RELATED PROGRAMS,GENERAL
070302	BUSINESS COMPUTER AND CONSOLE OPERATION
070303	BUSINESS DATA ENTRY EQUIPMENT OPERATION
070304	BUSINESS DATA PERIPHERAL EQUIPMENT OPERATION
070305	BUSINESS DATA PROGRAMMING
070306	BUSINESS SYSTEMS ANALYSIS
070399	BUSINESS DATA PROCESSING AND RELATED PROGRAMS,OTHER
	OFFICE SUPERVISION AND MANAGEMENT
070401	OFFICE SUPERVISION AND MANAGEMENT
	PERSONNEL AND TRAINING PROGRAMS
070501	PERSONNEL AND TRAINING PROGRAMS,GENERAL
070502	EDUCATIONAL ASSISTING AND TRAINING
070503	PERSONNEL ASSISTING
070599	PERSONNEL AND TRAINING PROGRAMS,OTHER
	SECRETARIAL AND RELATED PROGRAMS
070601	SECRETARIAL AND RELATED PROGRAMS,GENERAL
070602	COURT REPORTING
070603	EXECUTIVE SECRETARIAL
070604	LEGAL SECRETARIAL

070605	MEDICAL SECRETARIAL
070606	SECRETARIAL
070607	STENOGRAPHIC
070608	WORD PROCESSING
070699	SECRETARIAL AND RELATED PROGRAMS,OTHER
	TYPING,GENERAL OFFICE, AND RELATED PROGRAMS
070701	TYPING,GENERAL OFFICE, AND RELATED PROGRAMS,GENERAL
070702	CLERK-TYPIST
070703	CORRESPONDENCE CLERK
070704	DUPLICATING MACHINE OPERATION
070705	GENERAL OFFICE CLERK
070706	MAIL AND ORDER CLERK
070707	RECEPTIONIST AND COMMUNICATION SYSTEMS OPERATION
070708	SHIPPING,RECEIVING, AND STOCK CLERK
070709	TRAFFIC,RATE, AND TRANSPORTATION CLERK
070710	TYPING
070799	TYPING,GENERAL OFFICE, AND RELATED PROGRAMS,OTHER
	BUSINESS AND OFFICE,OTHER
079999	BUSINESS AND OFFICE,OTHER

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MARKETING AND DISTRIBUTION

CIP CODE	COURSE TITLE
	APPAREL AND ACCESSORIES MARKETING
080101	APPAREL AND ACCESSORIES MARKETING,GENERAL
080102	FASHION MERCHANDISING
080103	FASHION MODELING
080104	FOOTWEAR MARKETING
080105	JEWELRY MARKETING
080199	APPAREL AND ACCESSORIES MARKETING,OTHER

BUSINESS AND PERSONAL SERVICES MARKETING

080201	BUSINESS AND PERSONAL SERVICES MARKETING,GENERAL
......	ADVERTISING (SEE 090201)
080202	DISPLAY
080203	MARKETING OF BUSINESS OR PERSONAL SERVICES
080299	BUSINESS AND PERSONAL SERVICES MARKETING,OTHER

ENTREPRENEURSHIP

080301	ENTREPRENEURSHIP,GENERAL
......	SMALL BUSINESS MANAGEMENT (SEE 061801)
......	SMALL BUSINESS OWNERSHIP (SEE 061802)

FINANCIAL SERVICES MARKETING

080401	FINANCIAL SERVICES MARKETING,GENERAL
080402	BANKING MARKETING
080403	CREDIT MARKETING
080404	CREDIT UNION MARKETING
080405	SAVINGS AND LOAN MARKETING
080406	SECURITIES AND COMMODITIES MARKETING
080499	FINANCIAL SERVICES MARKETING,OTHER

FLORISTRY,FARM AND GARDEN SUPPLIES MARKETING

080501	FLORISTRY,FARM AND GARDEN SUPPLIES MARKETING,GENERAL
080502	FARM AND GARDEN SUPPLIES MARKETING
080503	FLORISTRY
080599	FLORISTRY,FARM AND GARDEN SUPPLIES MARKETING,OTHER

FOOD MARKETING

080601	FOOD MARKETING,GENERAL
080602	CONVENIENCE STORE MARKETING
080603	SPECIALTY FOODS MARKETING
080604	SUPERMARKET MARKETING
080605	WHOLESALE FOOD MARKETING

080699	FOOD MARKETING,OTHER
	GENERAL MARKETING
080701	AUCTIONEERING
080702	INDUSTRIAL SALES
080703	INTERNATIONAL MARKETING
......	MARKETING MANAGEMENT (SEE 061401)
......	MARKETING RESEARCH (SEE 061402)
080704	PURCHASING
080705	RETAILING
080706	SALES
080707	WHOLESALING
080799	GENERAL MARKETING,OTHER
	HOME AND OFFICE PRODUCTS MARKETING
080801	HOME AND OFFICE PRODUCTS MARKETING, GENERAL
080802	APPLIANCE MARKETING
080803	BUILDING MATERIALS MARKETING
080804	FLOOR COVERINGS,DRAPERIES, AND UPHOLSTERY MARKETING
080805	FURNITURE MARKETING
080806	HARDWARE MARKETING
080807	OFFICE PRODUCTS AND EQUIPMENT MARKETING
080808	SPECIALTY HOME FURNISHINGS MARKETING
080899	HOME AND OFFICE PRODUCTS MARKETING, OTHER
	HOSPITALITY AND RECREATION MARKETING
080901	HOSPITALITY AND RECREATION MARKETING, GENERAL
......	HOTEL/MOTEL MANAGEMENT (SEE 060701)
080902	MARKETING OF HOTEL/MOTEL SERVICES
080903	MARKETING OF RECREATIONAL SERVICES
......	RECREATIONAL ENTERPRISES MANAGEMENT (SEE 060702)
080904	RECREATIONAL PRODUCTS MARKETING

......	RESORT MANAGEMENT (SEE 060703)
......	RESTAURANT MANAGEMENT (SEE 060704)
080905	WAITER/WAITRESS AND RELATED SERVICES
080999	HOSPITALITY AND RECREATION MARKETING, OTHER
	INSURANCE MARKETING
081001	INSURANCE MARKETING,GENERAL
081002	ACCIDENT AND HEALTH INSURANCE MARKETING
081003	LIFE INSURANCE MARKETING
081004	PROPERTY AND CASUALTY INSURANCE MARKETING
081099	INSURANCE MARKETING,OTHER
......	REAL ESTATE
......	REAL ESTATE,GENERAL (SEE 061701)
......	COMMERCIAL PROPERTY (SEE 061702)
......	PROPERTY MANAGEMENT (SEE 061703)
......	REAL ESTATE APPRAISAL (SEE 061704)
......	REAL ESTATE FINANCE (SEE 061705)
......	REAL ESTATE LAW (SEE 061706)
......	RESIDENTIAL PROPERTY (SEE 061707)
......	REAL ESTATE,OTHER (SEE 061799)
	TRANSPORTATION AND TRAVEL MARKETING
081101	TRANSPORTATION AND TRAVEL MARKETING,GENERAL
081102	FREIGHT TRANSPORTATION MARKETING
081103	PASSENGER TRANSPORTATION MARKETING
081104	TOURISM
......	TRANSPORTATION MANAGEMENT (SEE 060705)
081105	TRAVEL SERVICES MARKETING
061106	WAREHOUSE SERVICES MARKETING
081199	TRANSPORTATION AND TRAVEL MARKETING,OTHER

	VEHICLES AND PETROLEUM MARKETING
081201	VEHICLES AND PETROLEUM MARKETING, GENERAL
081202	AGRICULTURAL IMPLEMENTS AND MACHINERY MARKETING
081203	AUTOMOTIVE VEHICLES AND ACCESSORIES MARKETING
081204	PETROLEUM WHOLESALING
081205	RECREATIONAL VEHICLES AND ACCESSORIES MARKETING
081206	SERVICE STATION RETAILING
081207	VEHICLE RENTAL AND LEASING
081299	VEHICLES AND PETROLEUM MARKETING, OTHER
	MARKETING AND DISTRIBUTION,OTHER
089999	MARKETING AND DISTRIBUTION,OTHER

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COMMUNICATIONS

CIP CODE	COURSE TITLE
	COMMUNICATIONS,GENERAL
090101	COMMUNICATIONS,GENERAL
	ADVERTISING
090201	ADVERTISING
	COMMUNICATIONS RESEARCH
090301	COMMUNICATIONS RESEARCH
	JOURNALISM (MASS COMMUNICATIONS)
090401	JOURNALISM (MASS COMMUNICATIONS)
	PUBLIC RELATIONS
090501	PUBLIC RELATIONS
	RADIO/TELEVISION NEWS BROADCAST
090601	RADIO/TELEVISION NEWS BROADCAST
	RADIO/TELEVISION,GENERAL
090701	RADIO/TELEVISION,GENERAL

	COMMUNICATIONS,OTHER
099999	COMMUNICATIONS,OTHER

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COMMUNICATION TECHNOLOGIES

CIP CODE	COURSE TITLE
	COMMUNICATION TECHNOLOGIES
100101	EDUCATIONAL MEDIA TECHNOLOGY
100102	MOTION PICTURE TECHNOLOGY
100103	PHOTOGRAPHIC TECHNOLOGY
100104	RADIO AND TELEVISION PRODUCTION AND BROADCASTING TECHNOLOGY
100199	COMMUNICATION TECHNOLOGIES,OTHER

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COMPUTER AND INFORMATION SCIENCES

CIP CODE	COURSE TITLE
	COMPUTER AND INFORMATION SCIENCES,GENERAL
110101	COMPUTER AND INFORMATION SCIENCES,GENERAL
	COMPUTER PROGRAMMING
110201	COMPUTER PROGRAMMING
	DATA PROCESSING
110301	DATA PROCESSING
	INFORMATION SCIENCES AND SYSTEMS
110401	INFORMATION SCIENCES AND SYSTEMS
	SYSTEMS ANALYSIS
110501	SYSTEMS ANALYSIS
	COMPUTER AND INFORMATION SCIENCES,OTHER
119999	COMPUTER AND INFORMATION SCIENCES,OTHER

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CONSUMER,PERSONAL,AND MISCELLANEOUS SERVICES

CIP CODE	COURSE TITLE
	DRYCLEANING AND LAUNDERING SERVICES
120101	DRYCLEANING AND LAUNDERING SERVICES, GENERAL
120102	DRYCLEANING
120103	LAUNDERING
120199	DRYCLEANING AND LAUNDERING SERVICES,OTHER
	ENTERTAINMENT SERVICES
120201	ENTERTAINMENT SERVICES,GENERAL
120202	BARTENDING
120203	CARD DEALING
120204	UMPIRING
120299	ENTERTAINMENT SERVICES,OTHER
	FUNERAL SERVICES
120301	FUNERAL SERVICES
	PERSONAL SERVICES
120401	PERSONAL SERVICES,GENERAL
120402	BARBERING
120403	COSMETOLOGY
120404	ELECTROLYSIS
120405	MASSAGE
120499	PERSONAL SERVICES,OTHER
	CONSUMER,PERSONAL,AND MISCELLANEOUS SERVICES,OTHER
129999	CONSUMER,PERSONAL,AND MISCELLANEOUS SERVICES,OTHER

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EDUCATION

CIP CODE	COURSE TITLE
	EDUCATION,GENERAL
130101	EDUCATION,GENERAL
	BILINGUAL/BICULTURAL EDUCATION
130201	BILINGUAL/BICULTURAL EDUCATION
	CURRICULUM AND INSTRUCTION
130301	CURRICULUM AND INSTRUCTION
	EDUCATION ADMINISTRATION
130401	EDUCATION ADMINISTRATION,GENERAL
130402	ADMINISTRATION OF SPECIAL EDUCATION
130403	ADULT AND CONTINUING EDUCATION ADMINISTRATION
130404	EDUCATIONAL SUPERVISION
130405	ELEMENTARY AND SECONDARY EDUCATION ADMINISTRATION
130406	HIGHER EDUCATION ADMINISTRATION
130407	COMMUNITY COLLEGE EDUCATION ADMINISTRATION
130499	EDUCATION ADMINISTRATION,OTHER
	EDUCATIONAL MEDIA
130501	EDUCATIONAL MEDIA
	EVALUATION AND RESEARCH
130601	EVALUATION AND RESEARCH,GENERAL
130602	ADULT AND CONTINUING EDUCATION RESEARCH
130603	EDUCATIONAL STATISTICS AND RESEARCH
130604	EDUCATIONAL TESTING,EVALUATION,AND MEASUREMENT
130605	ELEMENTARY AND SECONDARY RESEARCH
130606	HIGHER EDUCATION RESEARCH
130699	EVALUATION AND RESEARCH,OTHER

	INTERNATIONAL AND COMPARATIVE EDUCATION
130701	INTERNATIONAL AND COMPARATIVE EDUCATION
	SCHOOL PSYCHOLOGY
130801	SCHOOL PSYCHOLOGY
	SOCIAL FOUNDATIONS
130901	SOCIAL FOUNDATIONS
	SPECIAL EDUCATION
131001	SPECIAL EDUCATION,GENERAL
131002	EDUCATION OF THE CULTURALLY DISADVANTAGED
131003	EDUCATION OF THE DEAF AND HEARING IMPAIRED
131004	EDUCATION OF THE GIFTED AND TALENTED
131005	EDUCATION OF THE EMOTIONALLY HANDICAPPED
131006	EDUCATION OF THE MENTALLY HANDICAPPED
131007	EDUCATION OF THE MULTIPLE HANDICAPPED
131008	EDUCATION OF THE PHYSICALLY HANDICAPPED
131009	EDUCATION OF THE VISUALLY HANDICAPPED
131010	REMEDIAL EDUCATION
131011	SPECIFIC LEARNING DISABILITIES
131012	SPEECH CORRECTION
131099	SPECIAL EDUCATION,OTHER
	STUDENT COUNSELING AND PERSONNEL SERVICES
131101	STUDENT COUNSELING AND PERSONNEL SERVICES
	TEACHER EDUCATION,GENERAL PROGRAMS
131201	ADULT AND CONTINUING EDUCATION
131202	ELEMENTARY EDUCATION
131203	JUNIOR HIGH EDUCATION
131204	PRE-ELEMENTARY EDUCATION
131205	SECONDARY EDUCATION
121299	TEACHER EDUCATION,GENERAL PROGRAMS,OTHER

TEACHER EDUCATION,SPECIFIC SUBJECT AREAS

131301	AGRICULTURAL EDUCATION
131302	ART EDUCATION
131303	BUSINESS EDUCATION
131304	DRIVER AND SAFETY EDUCATION
131305	ENGLISH EDUCATION
131306	FOREIGN LANGUAGES EDUCATION
131307	HEALTH EDUCATION
131308	HOME ECONOMICS EDUCATION
131309	INDUSTRIAL ARTS EDUCATION
131310	MARKETING AND DISTRIBUTIVE EDUCATION
131311	MATHEMATICS EDUCATION
131312	MUSIC EDUCATION
131313	NUTRITIONAL EDUCATION
131314	PHYSICAL EDUCATION
131315	READING EDUCATION
131316	SCIENCE EDUCATION
131317	SOCIAL SCIENCE EDUCATION
131318	SOCIAL STUDIES EDUCATION
131319	TECHNICAL EDUCATION
131320	TRADE AND INDUSTRIAL EDUCATION
131399	TEACHER EDUCATION,SPECIFIC SUBJECT AREAS,OTHER

TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE

131401	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE

EDUCATION,OTHER

139999	EDUCATION,OTHER

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ENGINEERING

CIP CODE	COURSE TITLE
	ENGINEERING,GENERAL
140101	ENGINEERING,GENERAL
	AEROSPACE,AERONAUTICAL,AND ASTRONAUTICAL ENGINEERING
140201	AEROSPACE,AERONAUTICAL,AND ASTRONAUTICAL ENGINEERING
	AGRICULTURAL ENGINEERING
140301	AGRICULTURAL ENGINEERING
	ARCHITECTURAL ENGINEERING
140401	ARCHITECTURAL ENGINEERING
	BIOENGINEERING AND BIOMEDICAL ENGINEERING
140501	BIOENGINEERING AND BIOMEDICAL ENGINEERING
	CERAMIC ENGINEERING
140601	CERAMIC ENGINEERING
	CHEMICAL ENGINEERING
140701	CHEMICAL ENGINEERING
	CIVIL ENGINEERING
140801	CIVIL ENGINEERING
	COMPUTER ENGINEERING
140901	COMPUTER ENGINEERING
	ELECTRICAL,ELECTRONICS,AND COMMUNICATIONS ENGINEERING
141001	ELECTRICAL,ELECTRONICS,AND COMMUNICATIONS ENGINEERING
	ENGINEERING MECHANICS
141101	ENGINEERING MECHANICS
	ENGINEERING PHYSICS
141201	ENGINEERING PHYSICS

	ENGINEERING SCIENCE
141301	ENGINEERING SCIENCE
	ENVIRONMENTAL HEALTH ENGINEERING
141401	ENVIRONMENTAL HEALTH ENGINEERING
	GEOLOGICAL ENGINEERING
141501	GEOLOGICAL ENGINEERING
	GEOPHYSICAL ENGINEERING
141601	GEOPHYSICAL ENGINEERING
	INDUSTRIAL ENGINEERING
141701	INDUSTRIAL ENGINEERING
	MATERIALS ENGINEERING
141801	MATERIALS ENGINEERING
	MECHANICAL ENGINEERING
141901	MECHANICAL ENGINEERING
	METALLURIGICAL ENGINEERING
142001	METALLURGICAL ENGINEERING
	MINING AND MINERAL ENGINEERING
142101	MINING AND MINERAL ENGINEERING
	NAVAL ARCHITECTURE AND MARINE ENGINEERING
142201	NAVAL ARCHITECTURE AND MARINE ENGINEERING
	NUCLEAR ENGINEERING
142301	NUCLEAR ENGINEERING
	OCEAN ENGINEERING
142401	OCEAN ENGINEERING
	PETROLEUM ENGINEERING
142501	PETROLEUM ENGINEERING
	SURVEYING AND MAPPING SCIENCES
142601	SURVEYING AND MAPPING SCIENCES
142602	CARTOGRAPHY

	SYSTEMS ENGINEERING
142701	SYSTEMS ENGINEERING
	TEXTILE ENGINEERING
142801	TEXTILE ENGINEERING
	ENGINEERING,OTHER
149999	ENGINEERING,OTHER

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ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES

CIP CODE	COURSE TITLE
	ARCHITECTURAL TECHNOLOGIES
150101	ARCHITECTURAL DESIGN AND CONSTRUCTION TECHNOLOGY
150102	ARCHITECTURAL INTERIOR DESIGN TECHNOLOGY
150199	ARCHITECTURAL TECHNOLOGIES,OTHER
	CIVIL TECHNOLOGIES
150201	CIVIL TECHNOLOGY
150202	DRAFTING AND DESIGN TECHNOLOGY
150203	SURVEYING AND MAPPING TECHNOLOGY
150204	URBAN PLANNING TECHNOLOGY
150299	CIVIL TECHNOLOGIES,OTHER
	ELECTRICAL AND ELECTRONIC TECHNOLOGIES
150301	COMPUTER TECHNOLOGY
150302	ELECTRICAL TECHNOLOGY
150303	ELECTRONIC TECHNOLOGY
150304	LASER ELECTRO-OPTIC TECHNOLOGY
150399	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER
	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES
150401	BIOMEDICAL EQUIPMENT TECHNOLOGY
150402	COMPUTER SERVICING TECHNOLOGY
150403	ELECTROMECHANICAL TECHNOLOGY

150404	INSTRUMENTATION TECHNOLOGY
150499	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES,OTHER
	ENVIRONMENTAL CONTROL TECHNOLOGIES
150501	AIR CONDITIONING,HEATING, AND REFRIGERATION TECHNOLOGY
150502	AIR POLLUTION CONTROL TECHNOLOGY
150503	ENERGY CONSERVATION AND USE TECHNOLOGY
150504	SANITATION TECHNOLOGY
150505	SOLAR HEATING AND COOLING TECHNOLOGY
150506	WATER AND WASTEWATER TECHNOLOGY
150599	ENVIRONMENTAL CONTROL TECHNOLOGIES,OTHER
	INDUSTRIAL PRODUCTION TECHNOLOGIES
150601	CHEMICAL MANUFACTURING TECHNOLOGY
150602	FOOD PROCESSING TECHNOLOGY
150603	INDUSTRIAL TECHNOLOGY
150604	MANUFACTURING TECHNOLOGY
150605	MARINE PRODUCTS TECHNOLOGY
150606	OPTICAL TECHNOLOGY
150607	PLASTIC TECHNOLOGY
150608	SAFETY TECHNOLOGY
150609	TEXTILE TECHNOLOGY
150610	WELDING TECHNOLOGY
150699	INDUSTRIAL PRODUCTION TECHNOLOGIES,OTHER
	QUALITY CONTROL AND SAFETY TECHNOLOGIES
150701	OCCUPATIONAL SAFETY AND HEALTH TECHNOLOGY
150702	QUALITY CONTROL TECHNOLOGY
150799	QUALITY CONTROL AND SAFETY TECHNOLOGIES,OTHER
	MECHANICAL AND RELATED TECHNOLOGIES
150801	AERONAUTICAL TECHNOLOGY
150802	AGRICULTURAL EQUIPMENT TECHNOLOGY

150803	AUTOMOTIVE TECHNOLOGY
150804	MARINE PROPULSION TECHNOLOGY
150805	MECHANICAL DESIGN TECHNOLOGY
150899	MECHANICAL AND RELATED TECHNOLOGIES,OTHER
	MINING AND PETROLEUM TECHNOLOGIES
150901	COAL MINING TECHNOLOGY
150902	MINING (EXCLUDING COAL) TECHNOLOGY
150903	PETROLEUM TECHNOLOGY
150999	MINING AND PETROLEUM TECHNOLOGIES,OTHER
	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES,OTHER
159999	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES,OTHER

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FOREIGN LANGUAGES

CIP CODE	COURSE TITLE
	FOREIGN LANGUAGES,MULTIPLE EMPHASIS
160101	FOREIGN LANGUAGES,MULTIPLE EMPHASIS
	AFRICAN (NON-SEMITIC) LANGUAGES
160201	AFRICAN (NON-SEMITIC) LANGUAGES
	ASIATIC LANGUAGES
160301	CHINESE
160302	JAPANESE
160303	KOREAN
160399	ASIATIC LANGUAGES,OTHER
	BALTO-SLAVIC LANGUAGES
160401	BALTIC LANGUAGES
160402	RUSSIAN
160403	SLAVIC LANGUAGES (OTHER THAN RUSSIAN)

	GERMANIC LANGUAGES
160501	GERMAN
160502	SCANDINAVIAN LANGUAGES
160503	YIDDISH
160599	GERMANIC LANGUAGES,OTHER
	GREEK
160601	GREEK (CLASSICAL)
160602	GREEK (MODERN)
	INDIC LANGUAGES
160701	HINDI
160702	SANSKRIT
160799	INDIC LANGUAGES,OTHER
	IRANIAN LANGUAGES
160801	IRANIAN LANGUAGES
	ITALIC LANGUAGES
160901	FRENCH
160902	ITALIAN
160903	LATIN
160904	PORTUGUESE
160905	SPANISH
160999	ITALIC LANGUAGES,OTHER
	NATIVE AMERICAN LANGUAGES
161001	NATIVE AMERICAN LANGUAGES
	SEMITIC LANGUAGES
161101	ARABIC
161102	HEBREW
161199	SEMITIC LANGUAGES,OTHER

FOREIGN LANGUAGES,OTHER

169999 FOREIGN LANGUAGES,OTHER

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ALLIED HEALTH

CIP CODE	COURSE TITLE
	DENTAL SERVICES
170101	DENTAL ASSISTING
170102	DENTAL HYGIENE
170103	DENTAL LABORATORY TECHNOLOGY
170199	DENTAL SERVICES,OTHER
	DIAGNOSTIC AND TREATMENT SERVICES
170201	CARDIOPULMONARY TECHNOLOGY
170202	DIALYSIS TECHNOLOGY
170203	ELECTROCARDIOGRAPH TECHNOLOGY
170204	ELECTROENCEPHALOGRAPH TECHNOLOGY
170205	EMERGENCY MEDICAL TECHNOLOGY-AMBULANCE
170206	EMERGENCY MEDICAL TECHNOLOGY-PARAMEDIC
170207	MEDICAL RADIATION DOSIMETRY
170208	NUCLEAR MEDICAL TECHNOLOGY
170209	RADIOGRAPH MEDICAL TECHNOLOGY
170210	RESPIRATORY THERAPY TECHNOLOGY
170211	SURGICAL TECHNOLOGY
170212	ULTRASOUND TECHNOLOGY
170299	DIAGNOSTIC AND TREATMENT SERVICES,OTHER
	MEDICAL LABORATORY TECHNOLOGIES
170301	BLOOD BANK TECHNOLOGY
170302	CHEMISTRY TECHNOLOGY
170303	CLINICAL ANIMAL TECHNOLOGY
170304	CLINICAL LABORATORY AIDE

170305	CLINICAL LABORATORY ASSISTING
170306	CYTOTECHNOLOGY
170307	HEMATOLOGY TECHNOLOGY
170308	HISTOLOGIC TECHNOLOGY
170309	MEDICAL LABORATORY TECHNOLOGY
170310	MEDICAL TECHNOLOGY
170311	MICROBIOLOGY TECHNOLOGY
170399	MEDICAL LABORATORY TECHNOLOGIES,OTHER
	MENTAL HEALTH/HUMAN SERVICES
170401	ALCOHOL/DRUG ABUSE SPECIALTY
170402	COMMUNITY HEALTH WORK
170403	GENETIC COUNSELING
170404	HOME HEALTH AIDE
......	MEDICAL SOCIAL WORK (SEE 440702)
170405	MENTAL HEALTH/HUMAN SERVICES ASSISTING
170406	MENTAL HEALTH/HUMAN SERVICES TECHNOLOGY
170407	REHABILITATION COUNSELING
170408	THERAPEUTIC CHILD CARE WORK
170499	MENTAL HEALTH/HUMAN SERVICES, OTHER
	MISCELLANEOUS ALLIED HEALTH SERVICES
170501	ANIMAL TECHNOLOGY
170502	CENTRAL SUPPLY TECHNOLOGY
170503	MEDICAL ASSISTING
170504	MEDICAL ILLUSTRATING
170505	MEDICAL OFFICE MANAGEMENT
170506	MEDICAL RECORDS TECHNOLOGY
170507	PHARMACY ASSISTING
170508	PHYSICIAN ASSISTING-PRIMARY CARE
170509	PHYSICIAN ASSISTING-SPECIALTY

170510	PODIATRIC ASSISTING
170511	VETERINARIAN AIDE
170512	VETERINARIAN ASSISTING
170513	WARD CLERK
170599	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER
	NURSING-RELATED SERVICES
170601	GERIATRIC AIDE
170602	NURSING ASSISTING
170603	OBSTETRICAL TECHNOLOGY
170604	PEDIATRIC AIDE
170605	PRACTICAL NURSING
170606	WARD SERVICE MANAGEMENT
170699	NURSING-RELATED SERVICES, OTHER
	OPHTHALMIC SERVICES
170701	OPHTHALMIC DISPENSING
170702	OPHTHALMIC LABORATORY TECHNOLOGY
170703	OPHTHALMIC MEDICAL ASSISTING
170704	OPTOMETRIC ASSISTING
170705	OPTOMETRIC TECHNOLOGY
170706	ORTHOPTICS
170799	OPHTHALMIC SERVICES, OTHER
	REHABILITATION SERVICES
170801	ART THERAPY
170802	CORRECTIVE THERAPY
170803	DANCE THERAPY
170804	EXERCISE PHYSIOLOGY
170805	MANUAL ARTS THERAPY
170806	MUSIC THERAPY
170807	OCCUPATIONAL THERAPY

170808	OCCUPATIONAL THERAPY ASSISTING
170809	OCCUPATIONAL THERAPY AIDE
170810	ORTHOTIC/PROSTHETIC ASSISTING
170811	ORTHOTICS/PROSTHETICS
170812	ORTHOPEDIC ASSISTING
170813	PHYSICAL THERAPY
170814	PHYSICAL THERAPY AIDE
170815	PHYSICAL THERAPY ASSISTING
170816	RECREATIONAL THERAPY
170817	RECREATIONAL THERAPY TECHNOLOGY
170818	RESPIRATORY THERAPY
170819	RESPIRATORY THERAPY ASSISTING
170820	SPEECH/HEARING THERAPY AIDE
170821	SPEECH-LANGUAGE PATHOLOGY/AUDIOLOGY
......	THERAPEUTIC RECREATION AIDE (SEE 200607)
170899	REHABILITATION SERVICES, OTHER
	ALLIED HEALTH, OTHER
179999	ALLIED HEALTH, OTHER

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HEALTH SCIENCES

CIP CODE	COURSE TITLE
	AUDIOLOGY AND SPEECH PATHOLOGY
180101	AUDIOLOGY
180102	SPEECH PATHOLOGY
180103	SPEECH PATHOLOGY/AUDIOLOGY
180199	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER
	BASIC CLINICAL HEALTH SCIENCES
180201	CLINICAL ANATOMY
180202	CLINICAL BIOCHEMISTRY

180203	CLINICAL MICROBIOLOGY
180204	CLINICAL PATHOLOGY
180205	PHYSIOLOGY
180299	BASIC CLINICAL HEALTH SCIENCES, OTHER
	CHIROPRACTIC
180301	CHIROPRACTIC
	DENTISTRY
180401	DENTISTRY, GENERAL
180402	DENTAL PUBLIC HEALTH
180403	ENDODONTICS
180404	ORAL/MAXIAL FACIAL SURGERY
180405	ORAL PATHOLOGY
180406	ORTHODONTICS
180407	PEDODONTICS
180408	PERIODONTICS
180409	PROSTHODONTICS
180499	DENTISTRY, OTHER
	EMERGENCY/DISASTER SCIENCE
180501	EMERGENCY/DISASTER SCIENCE
	EPIDEMIOLOGY
180601	EPIDEMIOLOGY
	HEALTH SCIENCES ADMINISTRATION
180701	HEALTH CARE ADMINISTRATION
180702	HEALTH CARE PLANNING
180703	MEDICAL RECORDS ADMINISTRATION
180799	HEALTH SCIENCES ADMINISTRATION, OTHER
	HEMATOLOGY
180801	HEMATOLOGY

MEDICAL LABORATORY

180901	MEDICAL LABORATORY

MEDICINE

181001	MEDICINE, GENERAL
181002	ALLERGIES AND ENDOMOLOGY
181003	ANESTHESIOLOGY
181004	COLON AND RECTAL SURGERY
181005	DERMATOLOGY
181006	EMERGENCY MEDICINE
181007	FAMILY PRACTICE
181008	GERIATRICS
181009	IMMUNOLOGY
181010	INTERNAL MEDICINE
181011	NEUROLOGICAL SURGERY
181012	NUCLEAR MEDICINE
181013	OBSTETRICS AND GYNECOLOGY
181014	OPHTHALMOLOGY
181015	ORTHODONTIC SURGERY
181016	ORTHOPEDIC
181017	OTORHINOLARYNGOLOGY/OTOLARYNGOLOGY
181018	PATHOLOGY
181019	PEDIATRICS
181020	PHYSICAL MEDICINE AND REHABILITATION
181021	PLASTIC SURGERY
181022	PREVENTIVE MEDICINE
181023	PSYCHIATRY
181024	NEUROLOGY
181025	RADIOLOGY
181026	SURGERY

181027	THORACIC SURGERY
181028	UROLOGY
181099	MEDICINE, OTHER
	NURSING
181101	NURSING, GENERAL
181102	ANESTHETIST
181103	MATERNAL/CHILD HEALTH
181104	MEDICAL SURGICAL
181105	NURSING ADMINISTRATION
181106	PSYCHIATRIC/MENTAL HEALTH
181107	PUBLIC HEALTH
181199	NURSING, OTHER
	OPTOMETRY
181201	OPTOMETRY
	OSTEOPATHIC MEDICINE
181301	OSTEOPATHIC MEDICINE
	PHARMACY
181401	PHARMACY
	PODIATRY
181501	PODIATRY
	POPULATION AND FAMILY PLANNING
181601	POPULATION AND FAMILY PLANNING
	PRE-DENTISTRY
181701	PRE-DENTISTRY
	PRE-MEDICINE
181801	PRE-MEDICINE
	PRE-PHARMACY
181901	PRE-PHARMACY

	PRE-VETERINARY
182001	PRE-VETERINARY
	PROSECTORIAL SCIENCE
182101	PROSECTORIAL SCIENCE
	PUBLIC HEALTH LABORATORY SCIENCE
182201	PUBLIC HEALTH LABORATORY SCIENCE
	TOXICOLOGY (CLINICAL)
182301	TOXICOLOGY (CLINICAL)
	VETERINARY MEDICINE
182401	VETERINARY MEDICINE
	HEALTH SCIENCES, OTHER
189999	HEALTH SCIENCES, OTHER

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HOME ECONOMICS

CIP CODE	COURSE TITLE
	HOME ECONOMICS, GENERAL
190101	HOME ECONOMICS, GENERAL
	BUSINESS HOME ECONOMICS
190201	BUSINESS HOME ECONOMICS
	FAMILY AND COMMUNITY SERVICES
190301	FAMILY AND COMMUNITY SERVICES, GENERAL
190302	NONFORMAL EDUCATION (EXTENSION,ADULT/EXTENDED)
190303	FAMILY SERVICES
190399	FAMILY AND COMMUNITY SERVICES, OTHER
	FAMILY/CONSUMER RESOURCE MANAGEMENT
190401	FAMILY/CONSUMER RESOURCE MANAGEMENT, GENERAL
190402	CONSUMER SCIENCE
190403	FAMILY ECONOMICS
......	HOME MANAGEMENT (SEE 200109)

190499	FAMILY/CONSUMER RESOURCE MANAGEMENT, OTHER
	FOOD SCIENCES AND HUMAN NUTRITION
190501	FOOD SCIENCES AND HUMAN NUTRITION, GENERAL
190502	FOOD/FOOD SCIENCES
190503	DIETIETICS/HUMAN NUTRITIONAL SERVICES
190504	HUMAN NUTRITION
190599	FOOD SCIENCES AND HUMAN NUTRITION, OTHER
......	HOME ECONOMICS EDUCATION (SEE 131308)
	HUMAN ENVIRONMENT AND HOUSING
190601	HUMAN ENVIRONMENT AND HOUSING, GENERAL
190602	HOUSEHOLD EQUIPMENT
190603	HOUSING
......	INTERIOR DESIGN (SEE 040501)
190699	HUMAN ENVIRONMENT AND HOUSING, OTHER
	INDIVIDUAL AND FAMILY DEVELOPMENT
190701	INDIVIDUAL AND FAMILY DEVELOPMENT, GENERAL
190702	ADULT DEVELOPMENT
......	CHILD DEVELOPMENT,CARE, AND GUIDANCE (SEE 200102)
190703	FAMILY COUNSELING
190704	FAMILY RELATIONS
190705	GERIATRIC SERVICES
190799	INDIVIDUAL AND FAMILY DEVELOPMENT, OTHER
	INTERNATIONAL/COMPARATIVE HOME ECONOMICS
190801	INTERNATIONAL/COMPARATIVE HOME ECONOMICS
	TEXTILES AND CLOTHING
190901	TEXTILES AND CLOTHING, GENERAL
190902	FASHION DESIGN
190903	TEXTILES AND CLOTHING, RETAIL
190904	TEXTILE SCIENCE

190999	TEXTILES AND CLOTHING, OTHER
	HOME ECONOMICS, OTHER
199999	HOME ECONOMICS, OTHER

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VOCATIONAL HOME ECONOMICS

CIP CODE	COURSE TITLE
	CONSUMER AND HOMEMAKING HOME ECONOMICS
200101	COMPREHENSIVE CONSUMER AND HOMEMAKING HOME ECONOMICS
200102	CHILD DEVELOPMENT,CARE, AND GUIDANCE
200103	CLOTHING AND TEXTILES
200104	CONSUMER EDUCATION
200105	EXPLORATORY HOMEMAKING
200106	FAMILY/INDIVIDUAL HEALTH
200107	FAMILY LIVING AND PARENTHOOD
200108	FOOD AND NUTRITION
200109	HOME MANAGEMENT
200110	HOUSING,HOME FURNISHING AND EQUIPMENT
200199	CONSUMER AND HOMEMAKING HOME ECONOMICS, OTHER
	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES
200201	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, GENERAL
200202	CHILD CARE AIDE/ASSISTING
200203	CHILD CARE MANAGEMENT
200204	FOSTER CARE/FAMILY CARE
200205	TEACHER AIDE
200299	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER
	CLOTHING,APPAREL, AND TEXTILES MANAGEMENT,PRODUCTION, AND SERVICES
200301	CLOTHING,APPAREL, AND TEXTILES MANAGEMENT,PRODUCTION, AND SERVICES,GENERAL
200302	CLOTHING MAINTENANCE AIDE
200303	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION

200304	CUSTOM APPAREL/GARMENT SEAMSTRESS
200305	CUSTOM TAILORING AND ALTERATION
200306	FASHION/FABRIC COORDINATION
200307	TEXTILES TESTING
200308	WEDDING/SPECIALTY CONSULTING
200399	CLOTHING,APPAREL, AND TEXTILES MANAGEMENT,PRODUCTION, AND SERVICES, OTHER
	FOOD PRODUCTION,MANAGEMENT, AND SERVICES
200401	FOOD PRODUCTION,MANAGEMENT, AND SERVICES, GENERAL
200402	BAKING
200403	CHEF/COOK
200404	DIETETIC AIDE/ASSISTING
200405	FOOD CATERING
200406	FOOD SERVICE
200407	FOOD TESTING
200408	SCHOOL FOOD SERVICE
200499	FOOD PRODUCTION,MANAGEMENT, AND SERVICES, OTHER
	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT,PRODUCTION, AND SERVICES
200501	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT,PRODUCTION, AND SERVICES,GENERAL
200502	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN/MAKING
200503	CUSTOM SLIPCOVERING AND UPHOLSTERING
200504	FLORAL DESIGN
200505	HOME DECORATING
200506	HOME FURNISHINGS AIDE
200507	HOME-SERVICE ASSISTING
200599	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT,PRODUCTION, AND SERVICES, OTHER
	INSTITUTIONAL,HOME MANAGEMENT, AND SUPPORTING SERVICES
200601	INSTITUTIONAL,HOME MANAGEMENT, AND SUPPORTING SERVICES, GENERAL
200602	COMPANION TO THE AGED
200603	CONSUMER AIDE/ASSISTING

200604	CUSTODIAL SERVICES
200605	EXECUTIVE HOUSEKEEPING
200606	HOMEMAKER'S AIDE
200607	THERAPEUTIC RECREATION AIDE
200699	INSTITUTIONAL,HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER
	VOCATIONAL HOME ECONOMICS, OTHER
209999	VOCATIONAL HOME ECONOMICS, OTHER

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INDUSTRIAL ARTS

CIP CODE	COURSE TITLE
	INDUSTRIAL ARTS
210101	INDUSTRIAL ARTS, GENERAL
210102	CONSTRUCTION
210103	DRAFTING AND DESIGN
210104	ELECTRICITY/ELECTRONICS
210105	ENERGY,POWER, AND TRANSPORTATION
210106	GRAPHIC ARTS
210107	MANUFACTURING/MATERIALS PROCESSING
210199	INDUSTRIAL ARTS, OTHER

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LAW

CIP CODE	COURSE TITLE
	LAW
220101	LAW
220102	PRE-LAW
220103	LEGAL ASSISTING
220199	LAW, OTHER

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LETTERS

CIP CODE	COURSE TITLE
	ENGLISH, GENERAL
230101	ENGLISH, GENERAL
	CLASSICS
230201	CLASSICS
	COMPARATIVE LITERATURE
230301	COMPARATIVE LITERATURE
	COMPOSITION
230401	COMPOSITION
	CREATIVE WRITING
230501	CREATIVE WRITING
	LINGUISTICS (INCLUDES PHONETICS,SEMANTICS, AND PHILOLOGY
230601	LINGUISTICS (INCLUDES PHONETICS,SEMANTICS, AND PHILOLOGY)
	LITERATURE,AMERICAN
230701	LITERATURE,AMERICAN
	LITERATURE,ENGLISH
230801	LITERATURE,ENGLISH
	RHETORIC
230901	RHETORIC
	SPEECH,DEBATE, AND FORENSICS
231001	SPEECH,DEBATE, AND FORENSICS
	TECHNICAL AND BUSINESS WRITING
231101	TECHNICAL AND BUSINESS WRITING
	LETTERS, OTHER
239999	LETTERS, OTHER

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LIBERAL/GENERAL STUDIES

CIP CODE	COURSE TITLE
	LIBERAL/GENERAL STUDIES
240101	LIBERAL/GENERAL STUDIES
240199	LIBERAL/GENERAL STUDIES, OTHER

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LIBRARY AND ARCHIVAL SCIENCES

CIP CODE	COURSE TITLE
	LIBRARY AND ARCHIVAL SCIENCES, GENERAL
250101	LIBRARY AND ARCHIVAL SCIENCES, GENERAL
	ARCHIVAL SCIENCE
250201	ARCHIVAL SCIENCE
	LIBRARY ASSISTING
250301	LIBRARY ASSISTING
	LIBRARY SCIENCE
250401	LIBRARY SCIENCE
	MUSEOLOGY
250501	MUSEOLOGY
	LIBRARY AND ARCHIVAL SCIENCES, OTHER
259999	LIBRARY AND ARCHIVAL SCIENCES, OTHER

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LIFE SCIENCES

CIP CODE	COURSE TITLE
	BIOLOGY, GENERAL
260101	BIOLOGY, GENERAL

BIOCHEMISTRY AND BIOPHYSICS

260201	BIOCHEMISTRY AND BIOPHYSICS

BOTANY

260301	BOTANY, GENERAL
260302	BACTERIOLOGY
260303	MYCOLOGY
260304	PLANT GENETICS
260305	PLANT PATHOLOGY
260306	PLANT PHARMACOLOGY
260307	PLANT PHYSIOLOGY
260399	BOTANY, OTHER

CELL AND MOLECULAR BIOLOGY

260401	CELL BIOLOGY
260402	MOLECULAR BIOLOGY
260499	CELL AND MOLECULAR BIOLOGY, OTHER

MICROBIOLOGY

260501	MICROBIOLOGY

MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES

260601	ANATOMY
260602	BIOMETRICS AND BIOSTATISTICS
260603	ECOLOGY
260604	EMBRYOLOGY
260605	ENDOCRINOLOGY
260606	HISTOLOGY
260607	MARINE BIOLOGY
260608	NEUROSCIENCES
260609	NUTRITIONAL SCIENCES
260610	PARASITOLOGY
260611	RADIOBIOLOGY

260612	TOXICOLOGY
260699	MISCELLANEOUS SPECIALIZED AREAS,LIFE SCIENCES, OTHER
	ZOOLOGY
260701	ZOOLOGY, GENERAL
260702	ENTOMOLOGY
260703	GENETICS,HUMAN AND ANIMAL
260704	PATHOLOGY,HUMAN AND ANIMAL
260705	PHARMACOLOGY,HUMAN AND ANIMAL
260706	PHYSIOLOGY,HUMAN AND ANIMAL
260799	ZOOLOGY, OTHER
	LIFE SCIENCES, OTHER
269999	LIFE SCIENCES, OTHER

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MATHEMATICS

CIP CODE	COURSE TITLE
	MATHEMATICS, GENERAL
270101	MATHEMATICS, GENERAL
	ACTUARIAL SCIENCES
270201	ACTUARIAL SCIENCES
	APPLIED MATHEMATICS
270301	APPLIED MATHEMATICS
	PURE MATHEMATICS
270401	PURE MATHEMATICS
	STATISTICS
270501	STATISTICS
	MATHEMATICS, OTHER
279999	MATHEMATICS, OTHER

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MILITARY SCIENCES

CIP CODE	COURSE TITLE
	AEROSPACE SCIENCE (AIR FORCE)
280101	AEROSPACE SCIENCE (AIR FORCE)
	COAST GUARD SCIENCE
280201	COAST GUARD SCIENCE
	MILITARY SCIENCE (ARMY)
280301	MILITARY SCIENCE (ARMY)
	NAVAL SCIENCE (NAVY,MARINES)
280401	NAVAL SCIENCE (NAVY,MARINES)
	MILITARY SCIENCES, OTHER
289999	MILITARY SCIENCES, OTHER

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MILITARY TECHNOLOGIES

CIP CODE	COURSE TITLE
	MILITARY TECHNOLOGIES
290101	MILITARY TECHNOLOGIES
290199	MILITARY TECHNOLOGIES, OTHER

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MULTI/INTERDISCIPLINARY STUDIES

CIP CODE	COURSE TITLE
	BIOLOGICAL AND PHYSICAL SCIENCES
300101	BIOLOGICAL AND PHYSICAL SCIENCES
	CLINICAL PASTORAL CARE
300201	CLINICAL PASTORAL CARE

	ENGINEERING AND OTHER DISCIPLINES
300301	ENGINEERING AND OTHER DISCIPLINES
	HUMANITIES AND SOCIAL SCIENCES
300401	HUMANITIES AND SOCIAL SCIENCES
	PEACE STUDIES
300501	PEACE STUDIES
	SYSTEMS SCIENCE
300601	SYSTEMS SCIENCE
	WOMEN'S STUDIES
300701	WOMEN'S STUDIES
	MULTI/INTERDISCIPLINARY STUDIES, OTHER
309999	MULTI/INTERDISCIPLINARY STUDIES, OTHER

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PARKS AND RECREATION

CIP CODE	COURSE TITLE
	PARKS AND RECREATION, GENERAL
310101	PARKS AND RECREATION, GENERAL
	OUTDOOR RECREATION
310201	OUTDOOR RECREATION
	PARKS AND RECREATION MANAGEMENT
310301	PARKS AND RECREATION MANAGEMENT
	WATER RESOURCES
310401	WATER RESOURCES
	PARKS AND RECREATION, OTHER
319999	PARKS AND RECREATION, OTHER

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BASIC SKILLS

CIP CODE	COURSE TITLE
	BASIC SKILLS
320101	BASIC SKILLS, GENERAL
320102	ACADEMIC AND INTELLECTUAL SKILLS
320103	COMMUNICATION SKILLS
320104	COMPUTATIONAL SKILLS
320105	JOB-SEEKING/CHANGING SKILLS
320106	MOTOR SKILLS
320199	BASIC SKILLS, OTHER

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CITIZENSHIP/CIVIC ACTIVITIES

CIP CODE	COURSE TITLE
	CITIZENSHIP/CIVIC ACTIVITIES
330101	CITIZENSHIP/CIVIC ACTIVITIES, GENERAL
330102	AMERICAN CITIZENSHIP
330103	CIVIC APPRECIATION
330104	CIVIC PARTICIPATION
330199	CITIZENSHIP/CIVIC ACTIVITIES, OTHER

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HEALTH-RELATED ACTIVITIES

CIP CODE	COURSE TITLE
	HEALTH-RELATED ACTIVITIES
340101	HEALTH-RELATED ACTIVITIES, GENERAL
340102	BIRTH-RELATED HEALTH PRACTICES
340103	HEALTH ENHANCEMENT PRACTICES
340104	HEALTH TREATMENT/PREVENTION PRACTICES

340199	HEALTH-RELATED ACTIVITIES, OTHER

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INTERPERSONAL SKILLS

CIP CODE	COURSE TITLE
	INTERPERSONAL SKILLS
350101	INTERPERSONAL SKILLS, GENERAL
350102	BUILDING HUMAN RELATIONSHIPS
350103	PERCEPTION OF OTHERS
350104	SOCIAL ROLE ENGINEERING
350199	INTERPERSONAL SKILLS, OTHER

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LEISURE AND RECREATIONAL ACTIVITIES

CIP CODE	COURSE TITLE
	LEISURE AND RECREATIONAL ACTIVITIES
360101	LEISURE AND RECREATIONAL ACTIVITIES, GENERAL
360102	CRAFTS(LEISURE AND RECREATIONAL)
360103	GAMES
360104	HOBBIES
360105	HOUSING/HOME MAINTENANCE
360106	NATURE APPRECIATION
360107	PET CARE
360108	SPORTS/PHYSICAL EDUCATION
360109	TRAVEL
360199	LEISURE AND RECREATIONAL ACTIVITIES, OTHER

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PERSONAL AWARENESS

CIP CODE	COURSE TITLE
	PERSONAL AWARENESS
370101	PERSONAL AWARENESS, GENERAL
370102	COPING SKILLS
370103	PERSONAL DECISIONMAKING
370104	SELF-PERCEPTION
370105	VALUES, ATTITUDES, AND BELIEFS
370199	PERSONAL AWARENESS, OTHER

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PHILOSOPHY AND RELIGION

CIP CODE	COURSE TITLE
	PHILOSOPHY
380101	PHILOSOPHY
	RELIGION
380201	RELIGION
	PHILOSOPHY AND RELIGION, OTHER
389999	PHILOSOPHY AND RELIGION, OTHER

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THEOLOGY

CIP CODE	COURSE TITLE
	BIBLICAL LANGUAGES
390101	BIBLICAL LANGUAGES
	BIBLE STUDIES
390201	BIBLE STUDIES

	MISSIONARY STUDIES
390301	MISSIONARY STUDIES
	RELIGIOUS EDUCATION
390401	RELIGIOUS EDUCATION
	RELIGIOUS MUSIC
390501	RELIGIOUS MUSIC
	THEOLOGICAL STUDIES
390601	THEOLOGICAL STUDIES
	THEOLOGY, OTHER
399999	THEOLOGY, OTHER

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PHYSICAL SCIENCES

CIP CODE	COURSE TITLE
	PHYSICAL SCIENCES, GENERAL
400101	PHYSICAL SCIENCES, GENERAL
	ASTRONOMY
400201	ASTRONOMY
	ASTROPHYSICS
400301	ASTROPHYSICS
	ATMOSPHERIC SCIENCES AND METEOROLOGY
400401	ATMOSPHERIC SCIENCES AND METEOROLOGY
	CHEMISTRY
400501	CHEMISTRY,GENERAL
400502	ANALYTICAL CHEMISTRY
400503	INORGANIC CHEMISTRY
400504	ORGANIC CHEMISTRY
400505	PHARMACEUTICAL CHEMISTRY
400506	PHYSICAL CHEMISTRY
400599	CHEMISTRY, OTHER

GEOLOGICAL SCIENCES

400601	GEOLOGY
400602	GEOCHEMISTRY
400603	GEOPHYSICS AND SEISMOLOGY
400604	PALEONTOLOGY
400699	GEOLOGICAL SCIENCES, OTHER

MISCELLANEOUS PHYSICAL SCIENCES

400701	METALLURGY
400702	OCEANOGRAPHY
400703	EARTH SCIENCE
400799	MISCELLANEOUS PHYSICAL SCIENCES, OTHER

PHYSICS

400801	PHYSICS, GENERAL
400802	ATOMIC/MOLECULAR PHYSICS
400803	ELECTRON PHYSICS
400804	ELEMENTARY PARTICLE PHYSICS
400805	FLUIDS AND PLASMAS
400806	NUCLEAR PHYSICS
400807	OPTICS
400808	SOLID STATE PHYSICS
400899	PHYSICS,OTHER

PLANETARY SCIENCE

400901	PLANETARY SCIENCE

PHYSICAL SCIENCES, OTHER

409999	PHYSICAL SCIENCES, OTHER

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SCIENCE TECHNOLOGIES

CIP CODE	COURSE TITLE
	BIOLOGICAL TECHNOLOGIES
410101	BIOLOGICAL LABORATORY TECHNOLOGY
410102	OCEANOGRAPHIC (BIOLOGICAL) TECHNOLOGY
410199	BIOLOGICAL TECHNOLOGIES, OTHER
	NUCLEAR TECHNOLOGIES
410201	NUCLEAR MATERIALS HANDLING TECHNOLOGY
410202	NUCLEAR POWER PLANT OPERATION TECHNOLOGY
410203	NUCLEAR POWER PLANT RADIATION CONTROL TECHNOLOGY
410204	RADIOLOGIC (PHYSICAL) TECHNOLOGY
410299	NUCLEAR TECHNOLOGIES, OTHER
	PHYSICAL SCIENCE TECHNOLOGIES
410301	CHEMICAL TECHNOLOGY
410302	GEOLOGICAL TECHNOLOGY
410303	METALLURGICAL TECHNOLOGY
410304	METEOROLOGICAL TECHNOLOGY
410305	OCEANOGRAPHIC (PHYSICAL) TECHNOLOGY
410399	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
	SCIENCE TECHNOLOGIES, OTHER
419999	SCIENCE TECHNOLOGIES, OTHER

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PSYCHOLOGY

CIP CODE	COURSE TITLE
	PSYCHOLOGY, GENERAL
420101	PSYCHOLOGY, GENERAL

CLINICAL PSYCHOLOGY

420201 CLINICAL PSYCHOLOGY

COGNITIVE PSYCHOLOGY

420301 COGNITIVE PSYCHOLOGY

COMMUNITY PSYCHOLOGY

420401 COMMUNITY PSYCHOLOGY

COMPARATIVE PSYCHOLOGY

420501 COMPARATIVE PSYCHOLOGY

COUNSELING PSYCHOLOGY

420601 COUNSELING PSYCHOLOGY

DEVELOPMENTAL PSYCHOLOGY

420701 DEVELOPMENTAL PSYCHOLOGY

EXPERIMENTAL PSYCHOLOGY

420801 EXPERIMENTAL PSYCHOLOGY

INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

420901 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

PERSONALITY PSYCHOLOGY

421001 PERSONALITY PSYCHOLOGY

PHYSIOLOGICAL PSYCHOLOGY

421101 PHYSIOLOGICAL PSYCHOLOGY

PSYCHOLINGUISTICS

421201 PSYCHOLINGUISTICS

PSYCHOMETRICS

421301 PSYCHOMETRICS

PSYCHOPHARMACOLOGY

421401 PSYCHOPHARMACOLOGY

QUANTITATIVE PSYCHOLOGY

421501 QUANTITATIVE PSYCHOLOGY

	SOCIAL PSYCHOLOGY
421601	SOCIAL PSYCHOLOGY
	PSYCHOLOGY, OTHER
429999	PSYCHOLOGY,OTHER

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PROTECTIVE SERVICES

CIP CODE	COURSE TITLE
	CRIMINAL JUSTICE
430101	CORRECTIONAL ADMINISTRATION
430102	CORRECTIONS
430103	CRIMINAL JUSTICE ADMINISTRATION
430104	CRIMINAL JUSTICE STUDIES
430105	CRIMINAL JUSTICE TECHNOLOGY
430106	FORENSIC STUDIES
430107	LAW ENFORCEMENT
430108	LAW ENFORCEMENT ADMINISTRATION
430109	SECURITY SERVICES
430199	CRIMINAL JUSTICE, OTHER
	FIRE PROTECTION
430201	FIRE CONTROL AND SAFETY TECHNOLOGY
430202	FIRE PROTECTION ADMINISTRATION
430203	FIREFIGHTING
430299	FIRE PROTECTION, OTHER
	PROTECTIVE SERVICES, OTHER
439999	PROTECTIVE SERVICES, OTHER

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PUBLIC AFFAIRS

CIP CODE	COURSE TITLE
	PUBLIC AFFAIRS, GENERAL
440101	PUBLIC AFFAIRS, GENERAL
	COMMUNITY SERVICES
440201	COMMUNITY SERVICES
	INTERNATIONAL PUBLIC SERVICE
440301	INTERNATIONAL PUBLIC SERVICE
	PUBLIC ADMINISTRATION
440401	PUBLIC ADMINISTRATION
	PUBLIC POLICY STUDIES
440501	PUBLIC POLICY STUDIES
	PUBLIC WORKS
440601	PUBLIC SANITATION
440602	PUBLIC TRANSPORTATION
440603	PUBLIC UTILITIES
440699	PUBLIC WORKS, OTHER
	SOCIAL WORK
440701	SOCIAL WORK, GENERAL
440702	MEDICAL SOCIAL WORK
440799	SOCIAL WORK, OTHER
	PUBLIC AFFAIRS, OTHER
449999	PUBLIC AFFAIRS, OTHER

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SOCIAL SCIENCES

CIP CODE	COURSE TITLE
	SOCIAL SCIENCES, GENERAL
450101	SOCIAL SCIENCES, GENERAL
	ANTHROPOLOGY
450201	ANTHROPOLOGY
	ARCHEOLOGY
450301	ARCHEOLOGY
	CRIMINOLOGY
450401	CRIMINOLOGY
	DEMOGRAPHY
450501	DEMOGRAPHY
	ECONOMICS
450601	ECONOMICS
	GEOGRAPHY
450701	GEOGRAPHY
	HISTORY
450801	HISTORY
	INTERNATIONAL RELATIONS
450901	INTERNATIONAL RELATIONS
	POLITICAL SCIENCE AND GOVERNMENT
451001	POLITICAL SCIENCE AND GOVERNMENT
	SOCIOLOGY
451101	SOCIOLOGY
	URBAN STUDIES
451201	URBAN STUDIES

SOCIAL SCIENCES, OTHER

459999 SOCIAL SCIENCES, OTHER

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CONSTRUCTION TRADES

CIP CODE	COURSE TITLE
	BRICKMASONRY, STONEMASONRY, AND TILE SETTING
460101	BRICKMASONRY,STONEMASONRY, AND TILE SETTING, GENERAL
460102	BRICK,BLOCK, AND STONEMASONRY
460103	TILE SETTING
460199	BRICKMASONRY,STONEMASONRY, AND TILE SETTING, OTHER
	CARPENTRY
460201	CARPENTRY
	ELECTRICAL AND POWER TRANSMISSION INSTALLATION
460301	ELECTRICAL AND POWER TRANSMISSION INSTALLATION, GENERAL
460302	ELECTRICIAN
460303	LINEWORKER
460399	ELECTRICAL AND POWER TRANSMISSION INSTALLATION, OTHER
	MISCELLANEOUS CONSTRUCTION TRADES
460401	BUILDING MAINTENANCE
460402	CONCRETE PLACING AND FINISHING
460403	CONSTRUCTION INSPECTION
460404	DRYWALL INSTALLATION
460405	FLOOR COVERING INSTALLATION
460406	GLAZING
460407	INSULATION INSTALLATION
460408	PAINTING AND DECORATING
460409	PLASTERING
460410	ROOFING
460411	TERRAZZO INSTALLATION

460499	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
	PLUMBING,PIPEFITTING, AND STEAMFITTING
460501	PLUMBING,PIPEFITTING, AND STEAMFITTING, GENERAL
460502	PIPEFITTING AND STEAMFITTING
460503	PLUMBING
460599	PLUMBING,PIPEFITTING, AND STEAMFITTING, OTHER
	CONSTRUCTION TRADES, OTHER
469999	CONSTRUCTION TRADES, OTHER

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MECHANICS AND REPAIRERS

CIP CODE	COURSE TITLE
	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR
470101	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, GENERAL
470102	BUSINESS MACHINE REPAIR
470103	COMMUNICATION ELECTRONICS
470104	COMPUTER ELECTRONICS
470105	INDUSTRIAL ELECTRONICS
470106	MAJOR APPLIANCE REPAIR
470107	MOTOR REPAIR
470108	SMALL APPLIANCE REPAIR
470109	VENDING AND RECREATIONAL MACHINE REPAIR
470199	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
	HEATING,AIR CONDITIONING, AND REFRIGERATION MECHANICS
470201	HEATING,AIR CONDITIONING, AND REFRIGERATION MECHANICS, GENERAL
470202	COOLING AND REFRIGERATION
470203	HEATING AND AIR CONDITIONING
470299	HEATING,AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER

INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR

470301	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, GENERAL
470302	HEAVY EQUIPMENT MAINTENANCE AND REPAIR
470303	INDUSTRIAL MACHINERY MAINTENANCE AND REPAIR
470304	MINE EQUIPMENT MAINTENANCE AND REPAIR
470305	OIL AND GAS DRILLING EQUIPMENT OPERATION AND MAINTENANCE
470399	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER

MISCELLANEOUS MECHANICS AND REPAIRERS

470401	ELECTROMECHANICAL,HYDRAULIC, AND PNEUMATIC INSTRUMENT REPAIR
470402	GUNSMITHING
470403	LOCKSMITHING AND SAFE REPAIR
470404	MUSICAL INSTRUMENT REPAIR
470405	OPERATION, MAINTENANCE, AND REPAIR OF AUDIO-VISUAL EQUIPMENT
470406	SHOE AND BOOT REPAIR
470407	SPORTING GOODS EQUIPMENT REPAIR
470408	WATCH REPAIR
470499	MISCELLANEOUS MECHANICS AND REPAIRERS OTHER

STATIONARY ENERGY SOURCES

470501	STATIONARY ENERGY SOURCES, GENERAL
470502	CONVENTIONAL ELECTRIC POWER GENERATION
470503	INDUSTRIAL NUCLEAR ENERGY
470504	PUMPING PLANTS
470599	STATIONARY ENERGY SOURCES, OTHER

VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS

470601	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, GENERAL
470602	AIRCRAFT MECHANICS
470603	AUTOMOTIVE BODY REPAIR
470604	AUTOMOTIVE MECHANICS
470605	DIESEL ENGINE MECHANICS

470606	SMALL ENGINE REPAIR
470699	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, OTHER
	MECHANICS AND REPAIRERS, OTHER
479999	MECHANICS AND REPAIRERS, OTHER

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PRECISION PRODUCTION

CIP CODE	COURSE TITLE
	DRAFTING
480101	DRAFTING, GENERAL
480102	ARCHITECTURAL DRAFTING
480103	CIVIL/STRUCTURAL DRAFTING
480104	ELECTRICAL/ELECTRONICS DRAFTING
480105	MECHANICAL DRAFTING
480199	DRAFTING, OTHER
	GRAPHIC AND PRINTING COMMUNICATIONS
480201	GRAPHIC AND PRINTING COMMUNICATIONS, GENERAL
480202	BOOKBINDING
480203	COMMERCIAL ART
480204	COMMERCIAL PHOTOGRAPHY
480205	COMPOSITION,MAKE-UP, AND TYPESETTING
480206	LITHOGRAPHY,PHOTOGRAPHY,AND PLATEMAKING
480207	PHOTOGRAPHIC LABORATORY AND DARKROOM
480208	PRINTING PRESS OPERATIONS
480209	SILK SCREEN MAKING AND PRINTING
480299	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER
	LEATHERWORKING AND UPHOLSTERING
480301	LEATHERWORKING AND UPHOLSTERING, GENERAL
480302	SADDLEMAKING AND REPAIR
480303	UPHOLSTERING

480399	LEATHERWORKING AND UPHOLSTERING, OTHER
	PRECISION FOOD PRODUCTION
480401	PRECISION FOOD PRODUCTION, GENERAL
480402	MEATCUTTING
480403	SLAUGHTERING AND BUTCHERING
480499	PRECISION FOOD PRODUCTION, OTHER
	PRECISION METAL WORK
480501	PRECISION METAL WORK, GENERAL
480502	FOUNDRY WORK
480503	MACHINE TOOL OPERATION/MACHINE SHOP
480504	METAL FABRICATION
480505	METAL PATTERNMAKING
480506	SHEET METAL
480507	TOOL AND DIE MAKING
480508	WELDING,BRAZING, AND SOLDERING
480599	PRECISION METAL WORK, OTHER
	PRECISION WORK, ASSORTED MATERIALS
480601	INDUSTRIAL CERAMICS MANUFACTURING
480602	JEWELRY DESIGN,FABRICATION, AND REPAIR
480603	OPTICAL GOODS WORK
480604	PLASTICS
480699	PRECISION WORK, ASSORTED MATERIALS, OTHER
	WOODWORKING
480701	WOODWORKING, GENERAL
480702	FURNITURE MAKING
480703	MILLWORK AND CABINET MAKING
480799	WOODWORKING, OTHER

PRECISION PRODUCTION, OTHER

489999	PRECISION PRODUCTION, OTHER

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TRANSPORTATION AND MATERIAL MOVING

CIP CODE	COURSE TITLE
	AIR TRANSPORTATION
490101	AIR TRANSPORTATION, GENERAL
490102	AIRPLANE PILOTING AND NAVIGATION
490103	AVIATION COMPUTER TECHNOLOGY
490104	AVIATION MANAGEMENT
490105	AIR TRAFFIC CONTROL
490106	FLIGHT ATTENDANTS
490199	AIR TRANSPORTATION, OTHER
	VEHICLE AND EQUIPMENT OPERATION
490201	VEHICLE AND EQUIPMENT OPERATION, GENERAL
490202	CONSTRUCTION EQUIPMENT OPERATION
490203	MATERIAL HANDLING
490204	MINING EQUIPMENT OPERATION
490205	TRUCK AND BUS DRIVING
490299	VEHICLE AND EQUIPMENT OPERATION, OTHER
	WATER TRANSPORTATION
490301	WATER TRANSPORTATION, GENERAL
490302	BARGE AND BOAT OPERATION
490303	COMMERCIAL FISHING OPERATION
490304	DEEP WATER DIVING AND LIFE SUPPORT SYSTEMS
490305	MARINA OPERATIONS
490306	MARINE MAINTENANCE
490307	MERCHANT MARINE OFFICERS
490308	SAILORS AND DECKHANDS

490399	WATER TRANSPORTATION, OTHER
	TRANSPORTATION AND MATERIAL MOVING, OTHER
499999	TRANSPORTATION AND MATERIAL MOVING, OTHER

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VISUAL AND PERFORMING ARTS

CIP CODE	COURSE TITLE
	VISUAL AND PERFORMING ARTS, GENERAL
500101	VISUAL AND PERFORMING ARTS, GENERAL
	CRAFTS
500201	CRAFTS, GENERAL
500202	CERAMICS
500203	ENAMELING
500204	FIBER/TEXTILES/WEAVING
500205	GLASS
500206	METAL/JEWELRY
500299	CRAFTS, OTHER
	DANCE
500301	DANCE
	DESIGN
500401	DESIGN,GENERAL
......	ENVIRONMENTAL DESIGN (SEE 040401)
......	FASHION DESIGN (SEE 190902)
500402	GRAPHIC DESIGN
500403	ILLUSTRATION DESIGN
500404	INDUSTRIAL DESIGN
......	INTERIOR DESIGN (SEE 040501)
......	MEDICAL ILLUSTRATING (SEE 170504)
500405	THEATRE DESIGN
500499	DESIGN, OTHER

DRAMATIC ARTS

500501	DRAMATIC ARTS

FILM ARTS

500601	FILM ARTS, GENERAL
500602	CINEMATOGRAPHY/FILM
500603	FILM ANIMATION
500604	HOLOGRAPHY
500605	PHOTOGRAPHY
500606	VIDEO
500699	FILM ARTS, OTHER

FINE ARTS

500701	FINE ARTS, GENERAL
500702	ART CONSERVATION
......	ART EDUCATION (SEE 131302)
500703	ART HISTORY AND APPRECIATION
......	ART THERAPY (SEE 170801)
500704	ARTS MANAGEMENT
500705	DRAWING
500706	INTERMEDIA
500707	KINETICS
500708	PAINTING
500709	SCULPTURE
500799	FINE ARTS, OTHER

GRAPHIC ARTS TECHNOLOGY

500801	GRAPHIC ARTS TECHNOLOGY

MUSIC

500901	MUSIC, GENERAL
500902	MUSIC HISTORY AND APPRECIATION
500903	MUSIC PERFORMANCE

500904	MUSIC THEORY AND COMPOSITION
500999	MUSIC, OTHER

VISUAL AND PERFORMING ARTS, OTHER

509999	VISUAL AND PERFORMING ARTS, OTHER

APPENDIX E: Data File Record Layout

HSB TRANSCRIPT SURVEY

RECORD LAYOUT FOR STUDENT-LEVEL RAW DATA FILE 07/31/85

VARIABLE	DATA	LOCATION	
NAME	FORMAT	START	END
RECTYPE1	I1	1	1
STUID	I6	2	7
REQTRANS	I1	8	8
NUMTRANS	I1	9	9
TRNSFERS	I1	10	10
RCRED01	I3	11	13
RCRED02	I3	14	16
RCRED03	I3	17	19
RCRED04	I3	20	22
RCRED05	I3	23	25
RCRED06	I3	26	28
RCRED07	I3	29	31
RCRED08	I3	32	34
RCRED09	I3	35	37
RCRED10	I3	38	40
RCRED11	I3	41	43
RCRED12	I3	44	46
RCRED13	I3	47	49
RCRED14	I3	50	52
RCRED15	I3	53	55
RCRED16	I3	56	58
RCRED17	I3	59	61
RCRED18	I3	62	64
RCRED19	I3	65	67
RCRED20	I3	68	70
RCRED21	I3	71	73
RCRED22	I3	74	76
RCRED23	I3	77	79
RCRED24	I3	80	82
RCRED25	I3	83	85
RCRED26	I3	86	88
RCRED27	I3	89	91
RCRED28	I3	92	94
RCRED29	I3	95	97
RCRED30	I3	98	100
RCRED31	I3	101	103
RCRED32	I3	104	106
RCRED33	I3	107	109
RCRED34	I3	110	112
RCRED35	I3	113	115
RCRED36	I3	116	118
RCRED37	I3	119	121
RCRED38	I3	122	124
RCRED39	I3	125	127
RCRED40	I3	128	130
RCRED41	I3	131	133
RCRED42	I3	134	136
RCRED43	I3	137	139
RCRED44	I3	140	142
RCRED45	I3	143	145

VARIABLE NAME	DATA FORMAT	LOCATION START	END
RCRED46	I3	146	148
RCRED47	I3	149	151
RCRED48	I3	152	154
RCRED49	I3	155	157
RCRED50	I3	158	160
RCRED99	I3	161	163
TCRED01	I3	164	166
TCRED02	I3	167	169
TCRED03	I3	170	172
TCRED04	I3	173	175
TCRED05	I3	176	178
TCRED06	I3	179	181
TCRED07	I3	182	184
TCRED08	I3	185	187
TCRED09	I3	188	190
TCRED10	I3	191	193
TCRED11	I3	194	196
TCRED12	I3	197	199
TCRED13	I3	200	202
TCRED14	I3	203	205
TCRED15	I3	206	208
TCRED16	I3	209	211
TCRED17	I3	212	214
TCRED18	I3	215	217
TCRED19	I3	218	220
TCRED20	I3	221	223
TCRED21	I3	224	226
TCRED22	I3	227	229
TCRED23	I3	230	232
TCRED24	I3	233	235
TCRED25	I3	236	238
TCRED26	I3	239	241
TCRED27	I3	242	244
TCRED28	I3	245	247
TCRED29	I3	248	250
TCRED30	I3	251	253
TCRED31	I3	254	256
TCRED32	I3	257	259
TCRED33	I3	260	262
TCRED34	I3	263	265
TCRED35	I3	266	268
TCRED36	I3	269	271
TCRED37	I3	272	274
TCRED38	I3	275	277
TCRED39	I3	278	280
TCRED40	I3	281	283
TCRED41	I3	284	286
TCRED42	I3	287	289
TCRED43	I3	290	292
TCRED44	I3	293	295

HSB TRANSCRIPT SURVEY

RECORD LAYOUT FOR STUDENT-LEVEL RAW DATA FILE 07/31/88

VARIABLE NAME	DATA FORMAT	LOCATION START	LOCATION END
TCRED45	I3	296	298
TCRED46	I3	299	301
TCRED47	I3	302	304
TCRED48	I3	305	307
TCRED49	I3	308	310
TCRED50	I3	311	313
TCRED99	I3	314	316
RACE2	F3.1	317	319
SEXCOMP	I1	320	320
SCHSAMP	I1	321	321
HSPROG	I1	322	322
PARTIC	I3	323	325
SCHREGN	I1	326	326
HSREGION	F3.1	327	329
HSURBAN	I1	330	330
BYSCHDAT	I1	331	331
BYTEST	F6.2	332	337
BYTESTQ	I1	338	338
BYSES	F6.2	339	344
BYSESQ	I1	345	345
HSGRADES	I1	346	346
RAWWT	F7.2	347	353
WT1	F7.2	354	360
WT2	F7.2	361	367
PSTSOC80	I1	368	368
CREDOC80	I3	369	371
PSTSFE81	I1	372	372
CREDFE81	I3	373	375
PSTSJU81	I1	376	376
CREDJU81	I3	377	379
PSTSOC81	I1	380	380
CREDOC81	I3	381	383
PSTSFE82	I1	384	384
CREDFE82	I3	385	387
PSTSJU82	I1	388	388
CREDJU82	I3	389	391
PSTSOC82	I1	392	392
CREDOC82	I3	393	395
PSTSFE83	I1	396	396
CREDFE83	I3	397	399
PSTSJU83	I1	400	400
CREDJU83	I3	401	403
PSTSOC83	I1	404	404
CREDOC83	I3	405	407
PSTSFE84	I1	408	408
CREDFE84	I3	409	411
PSTSJU84	I1	412	412
CREDJU84	I3	413	415

HSB TRANSCRIPT SURVEY

RECORD LAYOUT FOR TRANSCRIPT-LEVEL RAW DATA FILE 07/31/85

VARIABLE NAME	DATA FORMAT	LOCATION START	END
RECTYPE2	I1	1	1
STUID	I6	2	7
TRANSNUM	I1	8	8
FICE	I6	9	14
TRNSFLAG	I1	15	15
TRNSFERT	I1	16	16
FINDISP	I1	17	17
PSREGION	I1	18	18
INSTYPE	I1	19	19
TERMS	I2	20	21
DEGREE1	I1	22	22
DEGNAME1	A7	23	29
GPA1	F7.3	30	36
HONORS1	I1	37	37
DEGMON1	I2	38	39
DEGYR1	I2	40	41
DEGREE2	I1	42	42
DEGNAME2	A7	43	49
GPA2	F7.3	50	56
HONORS2	I1	57	57
DEGMON2	I2	58	59
DEGYR2	I2	60	61
DEGREE3	I1	62	62
DEGNAME3	A7	63	69
GPA3	F7.3	70	76
HONORS3	I1	77	77
DEGMON3	I2	78	79
DEGYR3	I2	80	81
MAJCIP1	I6	82	87
MAJTEXT1	A25	88	112
MAJCIP2	I6	113	118
MAJTEXT2	A25	119	143
MAJCIP3	I6	144	149
MAJTEXT3	A25	150	174
MINCIP1	I6	175	180
MINTEXT1	A25	181	205
MINCIP2	I6	206	211
MINTEXT2	A25	212	236
MINCIP3	I6	237	242
MINTEXT3	A25	243	267
GENGPA	F7.3	268	274
TCREDA	I3	275	277
TCREDE	I3	278	280

HSB TRANSCRIPT SURVEY

RECORD LAYOUT FOR TERM-LEVEL RAW DATA FILE 07/31/85

VARIABLE NAME	DATA FORMAT	LOCATION START	LOCATION END
RECTYPE3	I1	1	1
STUID	I6	2	7
TRANSNUM	I1	8	8
TERMNUM	I2	9	10
SORTDATE	I4	11	14
TRANSFER	I1	15	15
TERMTYPE	I1	16	16
COURSES	I2	17	18
STARTMON	I2	19	20
STARTYR	I2	21	22
ENDMON	I2	23	24
ENDYR	I2	25	26
SEASON	I1	27	27
GRADCODE	I1	28	28
PASSGRAD	I3	29	31
HIGHGRAD	I3	32	34
LOWGRAD	I3	35	37
MEMO	A25	38	62

HSB TRANSCRIPT SURVEY

RECORD LAYOUT FOR COURSE-LEVEL RAW DATA FILE 07/31/85

VARIABLE NAME	DATA FORMAT	LOCATION START	LOCATION END
RECTYPE4	I1	1	1
STUID	I6	2	7
TRANSNUM	I1	8	8
TERMNUM	I2	9	10
CRSECIP	I6	11	16
CRSECRED	F7.3	17	23
CRSGRADA	A2	24	25
CRSGRADB	F7.3	26	32
GRADTYPE	I1	33	33
CRSENAME	A25	34	58

APPENDIX F: Other High School and Beyond Data Files Available from NCES

Other High School and Beyond Data Files Available from NCES

BASE YEAR FILES

Language File

The Language File contains information on each student who reported some non-English language experience either during childhood or at the time of the survey. This file contains 11,303 records (sophomores and seniors combined), with 42 variables for each student.

Parent File

The Parent File contains questionnaire responses from the parents of about 3,600 sophomores and 3,600 seniors who are on the Student File. Each record on the Parent File contains a total of 307 variables. Data on this file include parents' aspirations and plans for their childrens postsecondary education.

Twin and Sibling File

The Twin and Sibling File contains base year responses from sampled twins and triplets; augmented data on twins and triplets of sample members; and data from siblings in the sample. This file (2,718 records) includes all of the variables that are on the HS&B student file, plus two additional variables (family ID and SETTYPE--type of twin or sibling).

Teachers' Comments File

The Sophomore Teacher File contains responses from 14,103 teachers on 18,291 students from 616 schools. The Senior Teacher File contains responses from 13,683 teachers on 17,056 students from 611 schools. At each grade level, teachers had the opportunity to answer questions about HS&B-sampled students who had been in their classes. The typical student in the sample was rated by an average of four different teachers. Preliminary analyses by NCES indicate that the files contain approximately 76,000 teacher observations of sophomores and about 67,000 teacher observations of seniors.

Friends' File

The Friends' File contains identification numbers of students in the HS&B sample who were named as friends of other HS&B-sampled students. Each record contains the ID of sampled students and IDs of up to three friends. Linkages among friends can be used to investigate the sociometry of friendship structures, including reciprocity of choices among students in the sample, and for tracing friendship networks.

MERGED BASE YEAR AND FIRST FOLLOW-UP FILES

Sophomore File

The First Follow-Up Sophomore File contains responses from 29,737 students and includes both base year and first follow-up data. This file includes information on school, family, work experiences, educational and occupational aspirations, personal values, and test scores of sample participants. Students are also classified as to high school status as of 1982 (i.e., dropouts, same school, transfer, or early graduate).

Senior File

The First Follow-Up Senior File contains responses from 11,995 individuals and includes both base year and first follow-up data. This file includes information from respondents concerning their high school and postsecondary experiences and their work experiences.

OTHER FILES

Transcript File

This file describes the coursetaking behavior of 15,941 sophomores of 1980 throughout their four years of high school. Data include a six-digit course number* for each course taken, along with course credit, course grade, and year taken. Other items of information, such as grade point average, days absent, and standardized test scores, are also contained on the file.

Offerings and Enrollments File

This file contains school information, and course offerings and enrollments data, for 957 schools. Each course offered by a school is identifed by a six-digit course number.* Other information, such as credit offered by the school, is also contained on each record.

Updated School File

This file contains base year data (966 completed questionnaires) and first follow-up data (956 completed questionnaires) from the 1,015 participating schools in the HS&B sample. First follow-up data were requested only from those schools that were still in existence in spring 1982 and had members of the 1980 sophomore cohort currently enrolled. Each high school is represented by a single record that includes 230 data elements from the base year school questionnaire, if available, along with other information from sampling files (e.g., stratum codes, case weights).

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*Corresponds with descriptions in A Classification of Secondary School Courses (CSSC), developed by Evaluation Technologies, Inc., under contract with NCES, July 1982.

APPENDIX G: Sampling Errors and Design Effects

APPENDIX G

Standard Errors and Design Effects Calculated for Base Year through Second Follow-up Survey Data

This appendix presents four sets of standard errors and design effects calculated on data from three HS&B survey waves. Table G-1 displays standard errors and design effects using the first follow-up questionnaire data and the first follow-up weights.

Table G-2 uses a subset of the students who were selected for participation in the first follow-up, namely, those who participated in the base year survey. It contains estimates computed from base year questionnaire data, using first follow-up raw weights adjusted for nonresponse in the base year.

Table G-3 utilizes only those students who participated in both the base year and the first follow-up survey. It presents the standard errors and design effects associated with the changes, between base year and first follow-up, in the proportion of 1980 seniors who had specified characteristics. The change estimates were calculated using individual change scores of members of the senior cohort who participated in both the base year and first follow-up, weighted by the first follow-up panel weight. Thus, the standard errors for these estimates take into account the correlation between base year and first follow-up responses.

Finally, table G-4 displays standard errors for 30 estimated percentages based upon second follow-up survey data, and second follow-up weights. Only ten of the thirty items presented in the preceding tables were included in the second follow-up survey questionnaire. Twenty additional items, representing estimated proportions of varying magnitudes, were added to this table.

All standard errors in the tables were calculated using the method of Balanced Repeated Replication (BRR). BRR employs a very simple algorithm: it divides the sample repeatedly into half-samples and compares the estimates obtained from each of the half-samples with the estimate obtained from the entire sample. The differences between half-sample and entire sample estimates are used to estimate the standard error. BRR is described in more detail in the sample design reports for the first and second follow-up surveys (available from CS).

In addition to standard errors, all four tables give the design effect for each estimate (DEFF) and the square root of each design effect (DEFT). The design effect is a measure of the efficiency of the sample estimate relative to a simple random sample of equal size. It is defined as the ratio of the actual variance of an estimate (i.e., the square of the standard error given in the table) to the variance of the same estimate from a simple random sample with the same number of cases. For proportions, the simple random sample variance is just

$$\text{VAR(SRS)} = p(1 - p)/n \qquad (1)$$

in which

p = the estimated proportion

and

n = the number of cases with non-missing data

Like almost all national samples, the High School and Beyond sample is not a simple random sample. The High School and Beyond sample departs from the model of simple random sampling in three major respects: the observations are clustered at the school level, major groups (such as students who attended private schools) are deliberately represented disproportionately, and the sample is stratified by type of school. Each of these departures from simple random sampling has a predictable effect on efficiency, which is reflected in the design effect.

Table G-1 shows that the mean design effect for the 30 proportions is 2.64. This is very close to the mean (2.69) found for the base year survey using Taylor series estimation procedures rather than BRR. The sample of seniors for the follow-ups differs from the base year senior sample in several key respects. First of all, the sample is much smaller (11,995 selected cases versus 34,982), which means that the average cluster size (selections per school) is much smaller. Reducing the cluster size should increase the efficiency of the sample. On the other hand, the first follow-up sample of seniors represents some population subgroups even more disproportionately than did the base year sample; this greater disproportionality decreases the efficiency of the follow-up sample by introducing additional variability into the weights. Apparently, the effects of the reduced cluster size and the increased disproportionality offset each other--the base year and the follow-up samples exhibit very similar mean design effects.

Table G-2 displays estimates for the base year senior sample using only data from base year participants who were selected for the first follow-up sample. The questionnaire items in table G-2 are identical to those in table G-1 but the estimated proportions and standard errors are based on responses to these items in the base year senior questionnaire. For the most part, these items were repeated verbatim in the first follow-up questionnaire; three of them, however, had an additional response option in the first follow-up questionnaire. As table G-2 shows, the mean design effect is 2.73, a value that differs little from the analogous figure calculated during the base year. Once again, the reduced cluster size for the follow-up sample seems to have offset the effect of increased oversampling on the overall efficiency of the sample.

Table G-3 shows standard errors and design effects for thirty change statistics. The change statistics were computed by taking the weighted mean of the changes shown by each respondent who participated in both the base year and first follow-up surveys. The standard errors (and design effects) thus reflect the fact that whether a respondent was, for example, hard of hearing during the base year is correlated with his or her being hard of hearing during the first follow-up. The change estimates are directional: a negative estimate indicates that fewer respondents fell into the category of interest (e.g., hard of hearing) during the follow-up survey; a positive estimate indicates that more respondents fell into the category. The mean design effect in table G-3 is lower than those for tables G-1 and G-2 (2.20 vs. 2.64 and 2.73). This probably reflects the fact that more complex statistical estimates (such as change estimates, correlation or regression coefficients) generally exhibit smaller design effects than simple estimates.

Table G-4 contains the estimated percentages, standard errors, DEFFs and DEFTs for 30 survey items or composite variables from the second follow-up survey. Although the mean root design effect (1.68) appears to be slightly larger than those observed for the base year and first follow-up, the variability of the design effects appears to be somewhat smaller than for either of the previous survey waves. The use of a generalized design effect to inflate standard errors computed via simple random sample formulas remains at least as appropriate for second follow-up data as for prior waves.

Table G-1

Standard Errors and Design Effects Associated with Estimated Proportions of First Follow-Up Seniors Who Had Specified Characteristics, Using First Follow-Up Weights

Statistic	Item Number*	Estimate**	SE	DEFF	DEFT
Hard of hearing	83-c	.012	.001	.890	.943
Having leisure time not important	85-1	.013	.001	.802	.896
Have physical handicap	84	.070	.003	1.487	1.220
Have little to be proud of	75-1	.087	.004	2.085	1.444
Expect to have no children	61	.098	.004	1.880	1.371
Two or more siblings in high school	73	.099	.003	1.079	1.039
Good luck more important than hard work	75-b	.100	.004	1.802	1.342
Expect to get married	15-a	.107	.006	3.963	1.991
Expect to finish full-time education	15-e	.136	.006	3.182	1.782
Mother finished college	21	.142	.009	7.161	2.676
Believe plans hardly ever work out	75-f	.143	.005	2.058	1.435
Having lots of money not important	85-c	.147	.004	1.362	1.167
Current job is place where people goof off	25-a	.182	.006	1.906	1.381
Believe someone or something prevents success	75-e	.216	.006	2.111	1.453
Father finished college	20	.227	.010	5.918	2.433
Planning professional career	16-a	.260	.006	2.064	1.437
Sibling in college	72	.372	.007	2.244	1.498
Have started first job	15-c	.420	.009	3.483	1.866
Important to be a leader in community	85-f	.465	.007	2.084	1.444
Plan to finish college	12	.486	.011	4.612	2.148
Expect first child by age 25	15-b	.489	.010	4.102	2.025
Work more enjoyable than school	25-b	.513	.008	2.011	1.418
Would be satisfied with less than college ed.	13	.629	.011	5.291	2.300
Working to correct inequalities important	85-j	.670	.007	2.345	1.531
Watch more than one hour of TV per day	76	.770	.007	3.167	1.780
Career success important	85-a	.829	.005	1.890	1.375
Job encourages good work habits	25-c	.850	.005	1.804	1.343
Have ability to finish college	14	.867	.005	2.355	1.535
Expect to have own home or apt. by age 24	15-d	.916	.004	2.203	1.484
Have a positive attitude toward self	75-a	.949	.003	1.923	1.387
MEAN				2.642	1.571
MINIMUM				.802	.896
MAXIMUM				7.161	2.676
STANDARD DEVIATION				1.499	.423

*First follow-up questionnaire number

**See appendix E for the coding scheme used to define the categories for these estimates.

Table G-2

Standard Errors and Design Effects Associated with Estimated Proportions of First Follow-Up Seniors Who Had Specified Characteristics, Using Base Year Weights

Statistic	Item Number*	Estimate**	SE	DEFF	DEFT
Hard of hearing	BB087C	.018	.002	2.404	1.551
Having leisure time not important	BB057L	.021	.002	2.184	1.478
Have physical handicap	BB088	.054	.003	1.932	1.390
Have little to be proud of	BB058L	.116	.005	2.563	1.601
Expect to have no children	BB082	.090	.005	3.037	1.743
Two or more siblings in high school	EB099	.141	.005	2.222	1.491
Good luck more important than hard work	BB058B	.121	.004	1.575	1.254
Expect to get married	BB081A	.010	.002	4.300	2.074
Expect to finish full-time education	BB081E	.013	.001	0.844	0.919
Mother finished college	BB042	.148	.008	4.915	2.217
Believe plans hardly ever work out	BB058F	.100	.006	2.434	1.560
Having lots of money not important	BB057C	.116	.005	2.710	1.646
Current job is place where people goof off	BB027A	.169	.005	1.667	1.291
Believe someone or something prevents success	BB058E	.256	.007	2.763	1.662
Father finished college	BB039	.245	.011	5.461	2.337
Planning professional career	BB062	.269	.005	1.390	1.179
Sibling in college	EB098	.314	.007	2.443	1.563
Have started first job	BB081C	.178	.005	1.868	1.367
Important to be a leader in community	BB057F	.518	.008	2.815	1.678
Plan to finish college	BB065	.457	.009	3.646	1.909
Expect first child by age 25	BB081B	.523	.010	4.151	2.038
Work more enjoyable than school	BB027C	.515	.007	1.850	1.360
Would be satisfied with less than college ed.	BB067	.715	.009	4.329	2.081
Working to correct inequalities important	BB057J	.618	.008	2.969	1.723
Watch more than one hour of TV per day	BB048	.840	.006	3.150	1.775
Career success important	BB057A	.880	.004	1.695	1.302
Job encourages good work habits	BB027D	.787	.006	2.104	1.450
Have ability to finish college	BB069	.885	.005	1.744	1.321
Expect to have own home or apt. by age 24	BB081D	.913	.004	2.123	1.457
Have a positive attitude toward self	BB058A	.980	.006	4.564	2.136
MEAN				2.728	1.618
MINIMUM				0.844	0.919
MAXIMUM				5.461	2.337
STANDARD DEVIATION				1.136	0.336

*Base year SPSS variable name

**See appendix E for the coding scheme used to define the categories for these estimates.

Table G-3

Standard Errors and Design Effects Associated with Changes (between Base Year and First Follow-Up) in the Proportion of First Follow-Up Seniors Who Had Specified Characteristics

Statistic	Change Estimate*	SE	DEFF	DEFT
Hard of hearing	[illegible]	[illegible]	[illegible]	[illegible]
Having leisure time not important	[illegible]	[illegible]	[illegible]	[illegible]
Have physical handicap	[illegible]	[illegible]	[illegible]	[illegible]
Have little to be proud of	[illegible]	[illegible]	[illegible]	[illegible]
Expect to have no children	[illegible]	[illegible]	[illegible]	[illegible]
Two or more siblings in high school	[illegible]	[illegible]	[illegible]	[illegible]
Good luck more important than hard work	[illegible]	[illegible]	[illegible]	[illegible]
Expect to get married	[illegible]	[illegible]	[illegible]	[illegible]
Expect to finish full-time education	+.110	[illegible]	[illegible]	[illegible]
Mother finished college	[illegible]	[illegible]	[illegible]	[illegible]
Believe plans hardly ever work out	[illegible]	[illegible]	[illegible]	[illegible]
Having lots of money not important	[illegible]	[illegible]	4.170	[illegible]
Current job is place where people goof off	[illegible]	[illegible]	[illegible]	[illegible]
Believe someone or something prevents success	[illegible]	[illegible]	[illegible]	[illegible]
Father finished college	[illegible]	[illegible]	[illegible]	[illegible]
Planning professional career	[illegible]	[illegible]	[illegible]	[illegible]
Sibling in college	[illegible]	.010	[illegible]	[illegible]
Have started first job	[illegible]	[illegible]	[illegible]	[illegible]
Important to be a leader in community	[illegible]	[illegible]	[illegible]	[illegible]
Plan to finish college	[illegible]	[illegible]	[illegible]	[illegible]
Expect first child by age 25	[illegible]	[illegible]	[illegible]	[illegible]
Work more enjoyable than school	[illegible]	.010	[illegible]	[illegible]
Would be satisfied with less than college ed.	[illegible]	[illegible]	[illegible]	[illegible]
Working to correct inequalities important	[illegible]	.010	[illegible]	[illegible]
Watch more than one hour of TV per day	[illegible]	[illegible]	[illegible]	[illegible]
Career success important	[illegible]	[illegible]	[illegible]	[illegible]
Job encourages good work habits	[illegible]	[illegible]	[illegible]	[illegible]
Have ability to finish college	[illegible]	[illegible]	[illegible]	[illegible]
Expect to have own home or apt. by age [illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Have a positive attitude toward self	[illegible]	[illegible]	[illegible]	[illegible]
MEAN			[illegible]	[illegible]
MINIMUM			[illegible]	[illegible]
MAXIMUM			4.170	[illegible]
STANDARD DEVIATION			[illegible]	[illegible]

*See appendix E for the coding scheme used to define the categories for these estimates.

Table G-4

Estimated Percentages, Standard Errors and Design Effects in the Percentages of the Second Follow-Up Seniors Who Had Specified Characteristics (Weight=FU2WT)

Statistic	Item Number	Estimate	SE	DEFF	DEFT
Working full time, Feb '84	SE3A	65.49	0.61	1.80	1.34
Taking academic courses, Feb '84	SE3C	32.63	0.88	3.84	1.96
Looking for work, Feb '84	SE3I	6.45	0.37	2.47	1.57
Currently married	SE57	24.17	0.77	3.52	1.88
Have one or more children	SE66	16.68	0.72	3.65	1.91
Expect to have 3 or more children	SE65	34.10	0.77	2.76	1.66
Have served on military active duty	SE44	6.86	0.31	1.64	1.28
If in PSE '82-'84: Earned no degree	SE18I,J-20I,J	60.46	0.92	2.46	1.57
If in PSE '82-'84: Earned vocational degree	SE18I,J-20I,J	1.62	0.25	2.72	1.65
If in PSE '82-'84: Earned 4-Year college degree	SE18I,J-20I,J	10.94	0.74	3.90	1.98
Enrolled in postsecondary education, Oct '82	PSESOC82	42.82	0.97	4.16	2.04
Enrolled in postsecondary education, Oct '83	PSESOC83	39.21	0.97	4.27	2.07
If employed: In clerical occupation, Oct '83	SE47A-50A	27.24	1.00	2.18	1.48
Employed, Oct '83	JOBSOC83	73.92	0.63	2.21	1.49
Have used pocket calculator	SE9A2-A4	91.88	0.31	1.36	1.17
Have used computer terminal	SE9B2-B4	55.78	0.97	3.85	1.96
Have used mainframe computer	SE9E2-E4	29.06	0.73	2.49	1.58
Have used video tape recorder	SE9F2-F4	54.75	0.92	3.39	1.84
Have used audio cassette deck	SE9H2-H4	89.08	0.52	2.84	1.69
Have used word processor	SE9I2-I4	12.55	0.52	2.58	1.60
Currently registered to vote	SE70	66.30	0.85	3.43	1.85
Have voted in election within last two years	SE71	46.80	0.88	3.28	1.81
Being successful in job very important	SE72A	82.00	0.55	2.17	1.47
Marrying the right person very important	SE72B	88.32	0.44	1.98	1.41
Having lots of money very important	SE72C	26.08	0.77	3.24	1.80
Being community leader very important	SE72F	10.21	0.44	2.22	1.49
Better opportunities for children very important	SE72G	67.05	0.84	3.34	1.83
Correcting inequalities very important	SE72J	13.83	0.46	1.87	1.37
Having children very important	SE72K	49.69	0.92	3.57	1.89
Having leisure time very important	SE72L	73.93	0.72	2.84	1.69
MEAN				2.87	1.68
MINIMUM				1.36	1.17
MAXIMUM				4.27	2.07
STANDARD DEVIATION				0.78	0.24

APPENDIX H. Frequency Distributions

Frequency Distributions for Student-level Variables (p. 292)
Frequency Distributions for Transcript-Level Variables (p. 326)
Frequency Distributions for Term-Level Variables (p. 422)
Frequency Distributions for Course-level Variables (p. 429)

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           STUDENT-LEVEL FILE FREQUENCIES                    10:32 THURSDAY, AUGUST 15, 1985  248

                         CREDITS THRU 10-80
CREDOC80              FREQUENCY  CUM FREQ   PERCENT   CUM PERCENT

              0          5727      5727     73.650       73.650
              1            28      5755      0.360       74.010
              2            20      5775      0.257       74.267
              3            98      5873      1.260       75.527
              4            57      5930      0.733       76.260
              5            29      5959      0.373       76.633
              6            95      6054      1.222       77.855
              7            38      6092      0.489       78.344
              8            24      6116      0.309       78.652
              9            42      6158      0.540       79.192
             10            18      6176      0.231       79.424
             11             9      6185      0.116       79.540
             12            21      6206      0.270       79.810
             13            12      6218      0.154       79.964
             14             7      6225      0.090       80.054
             15            11      6236      0.141       80.195
             16            19      6255      0.244       80.440
             17             8      6263      0.103       80.543
             18             5      6268      0.064       80.607
             19             1      6269      0.013       80.620
             20             3      6272      0.039       80.658
             21             4      6276      0.051       80.710
             22             1      6277      0.013       80.723
             23             2      6279      0.026       80.748
             24             2      6281      0.026       80.774
             25             1      6282      0.013       80.787
             26             2      6284      0.026       80.813
             27             2      6286      0.026       80.838
             28             2      6288      0.026       80.864
             29             1      6289      0.013       80.877
             30             4      6293      0.051       80.928
             31             2      6295      0.026       80.954
             32             1      6296      0.013       80.967
             35             1      6297      0.013       80.980
             37             1      6298      0.013       80.993
             40             1      6299      0.013       81.006
             41             1      6300      0.013       81.019
             45             1      6301      0.013       81.031
             50             1      6302      0.013       81.044
             53             1      6303      0.013       81.057
*MISS/NO CR              1473      7776     18.943      100.000
```

```
                          CREDITS THRU 2-81
CREDFEB1         FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

           0        1350       1350     17.361       17.361
           1          47       1397      0.604       17.966
           2          41       1438      0.527       18.493
           3         180       1618      2.315       20.808
           4         136       1754      1.749       22.557
           5          89       1843      1.145       23.701
           6         164       2007      2.109       25.810
           7         118       2125      1.517       27.328
           8         148       2273      1.903       29.231
           9         246       2519      3.164       32.395
          10         225       2744      2.894       35.288
          11         179       2923      2.302       37.590
          12         529       3452      6.803       44.393
          13         425       3877      5.466       49.859
          14         389       4266      5.003       54.861
          15         608       4874      7.819       62.680
          16         595       5469      7.652       70.332
          17         296       5765      3.807       74.138
          18         172       5937      2.212       76.350
          19          73       6010      0.939       77.289
          20          51       6061      0.656       77.945
          21          39       6100      0.502       78.447
          22          35       6135      0.450       78.897
          23          18       6153      0.231       79.128
          24          22       6175      0.283       79.411
          25          15       6190      0.193       79.604
          26          23       6213      0.296       79.900
          27           8       6221      0.103       80.003
          28          11       6232      0.141       80.144
          29           5       6237      0.064       80.208
          30          19       6256      0.244       80.453
          31           6       6262      0.077       80.530
          32           8       6270      0.103       80.633
          33           3       6273      0.039       80.671
          34           1       6274      0.013       80.684
          35           3       6277      0.039       80.723
          36           4       6281      0.051       80.774
          37           2       6283      0.026       80.800
          38           3       6286      0.039       80.838
          39           3       6289      0.039       80.877
          40           1       6290      0.013       80.890
          41           1       6291      0.013       80.903
          42           2       6293      0.026       80.928
          44           1       6294      0.013       80.941
          45           1       6295      0.013       80.954
          47           1       6296      0.013       80.967
          49           1       6297      0.013       80.980
          50           1       6298      0.013       80.993
          51           1       6299      0.013       81.006
          53           1       6300      0.013       81.019
          56           1       6301      0.013       81.031
          57           1       6302      0.013       81.044
          88           1       6303      0.013       81.057
*MISS/NO CR         1473       7776     18.943      100.000
```

```
                          CREDITS THRU 7-81
CREDJUB1          FREQUENCY  CUM FREQ   PERCENT   CUM PERCENT

          0          973        973     12.513       12.513
          1           34       1007      0.437       12.950
          2           31       1038      0.399       13.349
          3          103       1141      1.325       14.673
          4           64       1205      0.823       15.496
          5           39       1244      0.502       15.998
          6          108       1352      1.389       17.387
          7           73       1425      0.939       18.326
          8          105       1530      1.350       19.676
          9          135       1665      1.736       21.412
         10           90       1755      1.157       22.569
         11           63       1818      0.810       23.380
         12          132       1950      1.698       25.077
         13           97       2047      1.247       26.325
         14           73       2120      0.939       27.263
         15          109       2229      1.402       28.665
         16          100       2329      1.286       29.951
         17           73       2402      0.939       30.890
         18           98       2500      1.260       32.150
         19           82       2582      1.055       33.205
         20           98       2680      1.260       34.465
         21          132       2812      1.698       36.163
         22          104       2916      1.337       37.500
         23          122       3038      1.569       39.069
         24          191       3229      2.456       41.525
         25          187       3416      2.405       43.930
         26          178       3594      2.289       46.219
         27          232       3826      2.984       49.203
         28          228       4054      2.932       52.135
         29          221       4275      2.842       54.977
         30          302       4577      3.884       58.861
         31          229       4806      2.945       61.806
         32          274       5080      3.524       65.329
         33          154       5234      1.980       67.310
         34          126       5360      1.620       68.930
         35           92       5452      1.183       70.113
         36          121       5573      1.556       71.669
         37           47       5620      0.604       72.274
         38           61       5681      0.784       73.058
         39           38       5719      0.489       73.547
         40           65       5784      0.836       74.383
         41           39       5823      0.502       74.884
         42           48       5871      0.617       75.502
         43           35       5906      0.450       75.952
         44           48       5954      0.617       76.569
         45           57       6011      0.733       77.302
         46           38       6049      0.489       77.791
         47           38       6087      0.489       78.279
         48           38       6125      0.489       78.768
         49           26       6151      0.334       79.102
         50           27       6178      0.347       79.450
         51           23       6201      0.296       79.745
         52           16       6217      0.206       79.951
         53           12       6229      0.154       80.105
```

```
                          CREDITS THRU 7-81
CREDJUB1          FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
             54          10      6239      0.129        80.234
             55          10      6249      0.129        80.363
             56           8      6257      0.103        80.466
             57           2      6259      0.026        80.491
             58           3      6262      0.039        80.530
             59           3      6265      0.039        80.568
             60           6      6271      0.077        80.646
             61           3      6274      0.039        80.684
             62           4      6278      0.051        80.736
             63           2      6280      0.026        80.761
             64           2      6282      0.026        80.787
             65           1      6283      0.013        80.800
             66           3      6286      0.039        80.838
             67           2      6288      0.026        80.864
             70           2      6290      0.026        80.890
             73           2      6292      0.026        80.916
             74           1      6293      0.013        80.928
             75           1      6294      0.013        80.941
             76           1      6295      0.013        80.954
             78           1      6296      0.013        80.967
             80           1      6297      0.013        80.980
             81           1      6298      0.013        80.993
             83           1      6299      0.013        81.006
             84           1      6300      0.013        81.019
             88           1      6301      0.013        81.031
             93           1      6302      0.013        81.044
             94           1      6303      0.013        81.057
*MISS/NO CR            1473      7776     18.943       100.000
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                     CREDITS THRU 10-81
CREDOC81      FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

         0       924        924      11.883       11.883
         1        35        959       0.450       12.333
         2        31        990       0.399       12.731
         3       111       1101       1.427       14.159
         4        70       1171       0.900       15.059
         5        38       1209       0.489       15.548
         6       106       1315       1.363       16.911
         7        71       1386       0.913       17.824
         8       101       1487       1.299       19.123
         9       127       1614       1.633       20.756
        10        84       1698       1.080       21.836
        11        66       1764       0.849       22.685
        12       138       1902       1.775       24.460
        13        91       1993       1.170       25.630
        14        61       2054       0.784       26.415
        15       108       2162       1.389       27.803
        16        89       2251       1.145       28.948
        17        74       2325       0.952       29.900
        18        83       2408       1.067       30.967
        19        82       2490       1.055       32.022
        20        92       2582       1.183       33.205
        21       124       2706       1.595       34.799
        22        92       2798       1.183       35.983
        23       115       2913       1.479       37.461
        24       177       3090       2.276       39.738
        25       174       3264       2.238       41.975
        26       162       3426       2.083       44.059
        27       214       3640       2.752       46.811
        28       219       3859       2.816       49.627
        29       197       4056       2.533       52.160
        30       279       4335       3.588       55.748
        31       220       4555       2.829       58.578
        32       262       4817       3.369       61.947
        33       168       4985       2.160       64.108
        34       142       5127       1.826       65.934
        35        99       5226       1.273       67.207
        36       129       5355       1.659       68.866
        37        60       5415       0.772       69.637
        38        78       5493       1.003       70.640
        39        60       5553       0.772       71.412
        40        86       5639       1.106       72.518
        41        58       5697       0.746       73.264
        42        59       5756       0.759       74.023
        43        48       5804       0.617       74.640
        44        48       5852       0.617       75.257
        45        59       5911       0.759       76.016
        46        43       5954       0.553       76.569
        47        45       5999       0.579       77.148
        48        50       6049       0.643       77.791
        49        32       6081       0.412       78.202
        50        32       6113       0.412       78.614
        51        26       6139       0.334       78.948
        52        18       6157       0.231       79.180
        53        15       6172       0.193       79.372
```

```
                      CREDITS THRU 10-81
CREDOC81        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
          54          13       6185      0.167       79.540
          55          16       6201      0.206       79.745
          56          12       6213      0.154       79.900
          57           5       6218      0.064       79.964
          58           7       6225      0.090       80.054
          59           9       6234      0.116       80.170
          60          10       6244      0.129       80.298
          61           2       6246      0.026       80.324
          62           3       6249      0.039       80.363
          63           3       6252      0.039       80.401
          64           7       6259      0.090       80.491
          65           5       6264      0.064       80.556
          66           3       6267      0.039       80.594
          67           4       6271      0.051       80.646
          68           1       6272      0.013       80.658
          69           2       6274      0.026       80.684
          70           5       6279      0.064       80.748
          73           2       6281      0.026       80.774
          74           3       6284      0.039       80.813
          76           1       6285      0.013       80.826
          79           1       6286      0.013       80.838
          80           2       6288      0.026       80.864
          81           1       6289      0.013       80.877
          82           1       6290      0.013       80.890
          83           3       6293      0.039       80.928
          85           2       6295      0.026       80.954
          86           1       6296      0.013       80.967
          88           2       6298      0.026       80.993
          93           1       6299      0.013       81.006
          94           2       6301      0.026       81.031
          95           1       6302      0.013       81.044
         100           1       6303      0.013       81.057
*MISS/NO CR         1473       7776     18.943      100.000
```

```
                       CREDITS THRU 2-82
CREDFE82         FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

           0           572       572     7.356        7.356
           1            35       607     0.450        7.806
           2            31       638     0.399        8.205
           3           121       759     1.556        9.761
           4            71       830     0.913       10.674
           5            45       875     0.579       11.253
           6           103       978     1.325       12.577
           7            57      1035     0.733       13.310
           8            63      1098     0.810       14.120
           9            96      1194     1.235       15.355
          10            77      1271     0.990       16.345
          11            60      1331     0.772       17.117
          12           158      1489     2.032       19.149
          13            95      1584     1.222       20.370
          14            63      1647     0.810       21.181
          15           105      1752     1.350       22.531
          16           107      1859     1.376       23.907
          17            65      1924     0.836       24.743
          18            65      1989     0.836       25.579
          19            65      2054     0.836       26.415
          20            69      2123     0.887       27.302
          21            72      2195     0.926       28.228
          22            58      2253     0.746       28.974
          23            62      2315     0.797       29.771
          24            79      2394     1.016       30.787
          25            67      2461     0.862       31.649
          26            67      2528     0.862       32.510
          27            79      2607     1.016       33.526
          28            86      2693     1.106       34.632
          29            86      2779     1.106       35.738
          30            80      2859     1.029       36.767
          31            77      2936     0.990       37.757
          32            90      3026     1.157       38.915
          33            86      3112     1.106       40.021
          34            89      3201     1.145       41.165
          35            83      3284     1.067       42.233
          36           123      3407     1.582       43.814
          37           104      3511     1.337       45.152
          38           105      3616     1.350       46.502
          39           119      3735     1.530       48.032
          40           116      3851     1.492       49.524
          41           141      3992     1.813       51.337
          42           137      4129     1.762       53.099
          43           145      4274     1.865       54.964
          44           173      4447     2.225       57.189
          45           183      4630     2.353       59.542
          46           158      4788     2.032       61.574
          47           149      4937     1.916       63.490
          48           190      5127     2.443       65.934
          49           109      5236     1.402       67.335
          50           121      5357     1.556       68.891
          51            89      5446     1.145       70.036
          52            70      5516     0.900       70.936
          53            52      5568     0.669       71.605
```

```
                          CREDITS THRU 2-82
CREDFE82         FREQUENCY  CUM FREQ     PERCENT  CUM PERCENT
          54            77      5645       0.990       72.595
          55            71      5716       0.913       73.508
          56            62      5778       0.797       74.306
          57            43      5821       0.553       74.859
          58            33      5854       0.424       75.283
          59            45      5899       0.579       75.862
          60            50      5949       0.643       76.505
          61            34      5983       0.437       76.942
          62            35      6018       0.450       77.392
          63            31      6049       0.399       77.791
          64            32      6081       0.412       78.202
          65            23      6104       0.296       78.498
          66            23      6127       0.296       78.794
          67            22      6149       0.283       79.077
          68            18      6167       0.231       79.308
          69            12      6179       0.154       79.462
          70            14      6193       0.180       79.642
          71             7      6200       0.090       79.733
          72             9      6209       0.116       79.848
          73             5      6214       0.064       79.913
          74             6      6220       0.077       79.990
          75             7      6227       0.090       80.080
          76             6      6233       0.077       80.157
          77             3      6236       0.039       80.195
          78             4      6240       0.051       80.247
          80             9      6249       0.116       80.363
          81             3      6252       0.039       80.401
          82             3      6255       0.039       80.440
          83             5      6260       0.064       80.504
          84             3      6263       0.039       80.543
          85             3      6266       0.039       80.581
          86             3      6269       0.039       80.620
          88             4      6273       0.051       80.671
          89             2      6275       0.026       80.697
          90             2      6277       0.026       80.723
          92             2      6279       0.026       80.748
          94             5      6284       0.064       80.813
          96             3      6287       0.039       80.851
          97             1      6288       0.013       80.864
          98             1      6289       0.013       80.877
         100             2      6291       0.026       80.903
         102             1      6292       0.013       80.916
         104             1      6293       0.013       80.928
         105             3      6296       0.039       80.967
         111             1      6297       0.013       80.980
         113             1      6298       0.013       80.993
         114             1      6299       0.013       81.006
         118             1      6300       0.013       81.019
         130             1      6301       0.013       81.031
         135             2      6303       0.026       81.057
*MISS/NO CR           1473      7776      18.943      100.000
```

```
                     CREDITS THRU 7-82
CREDJU82       FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

         0        419        419      5.388       5.388
         1         33        452      0.424       5.813
         2         32        484      0.412       6.224
         3        117        601      1.505       7.729
         4         67        668      0.862       8.591
         5         41        709      0.527       9.118
         6        101        810      1.299      10.417
         7         50        860      0.643      11.060
         8         53        913      0.682      11.741
         9         92       1005      1.183      12.924
        10         48       1053      0.617      13.542
        11         41       1094      0.527      14.069
        12        103       1197      1.325      15.394
        13         66       1263      0.849      16.242
        14         49       1312      0.630      16.872
        15         83       1395      1.067      17.940
        16         86       1481      1.106      19.046
        17         66       1547      0.849      19.895
        18         71       1618      0.913      20.808
        19         61       1679      0.784      21.592
        20         60       1739      0.772      22.364
        21         72       1811      0.926      23.290
        22         65       1876      0.836      24.126
        23         49       1925      0.630      24.756
        24         70       1995      0.900      25.656
        25         60       2055      0.772      26.427
        26         50       2105      0.643      27.070
        27         56       2161      0.720      27.791
        28         69       2230      0.887      28.678
        29         67       2297      0.862      29.540
        30         75       2372      0.965      30.504
        31         57       2429      0.733      31.237
        32         64       2493      0.823      32.060
        33         46       2539      0.592      32.652
        34         54       2593      0.694      33.346
        35         61       2654      0.784      34.131
        36         68       2722      0.874      35.005
        37         57       2779      0.733      35.738
        38         53       2832      0.682      36.420
        39         52       2884      0.669      37.088
        40         70       2954      0.900      37.989
        41         78       3032      1.003      38.992
        42         60       3092      0.772      39.763
        43         56       3148      0.720      40.484
        44         58       3206      0.746      41.229
        45         77       3283      0.990      42.220
        46         81       3364      1.042      43.261
        47         82       3446      1.055      44.316
        48         98       3544      1.260      45.576
        49         78       3622      1.003      46.579
        50         69       3691      0.887      47.467
        51         79       3770      1.016      48.483
        52         80       3850      1.029      49.511
        53         75       3925      0.965      50.476
```

```
                          CREDITS THRU 7-82
CREDJU82          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
            54        95       4020      1.222      51.698
            55        94       4114      1.209      52.906
            56       108       4222      1.389      54.295
            57       113       4335      1.453      55.748
            58       102       4437      1.312      57.060
            59       106       4543      1.363      58.423
            60       140       4683      1.800      60.224
            61       137       4820      1.762      61.986
            62       113       4933      1.453      63.439
            63       144       5077      1.852      65.291
            64       109       5186      1.402      66.692
            65        87       5273      1.119      67.811
            66        64       5337      0.823      68.634
            67        71       5408      0.913      69.547
            68        70       5478      0.900      70.448
            69        47       5525      0.604      71.052
            70        39       5564      0.502      71.553
            71        39       5603      0.502      72.055
            72        49       5652      0.630      72.685
            73        27       5679      0.347      73.032
            74        42       5721      0.540      73.573
            75        25       5746      0.322      73.894
            76        29       5775      0.373      74.267
            77        23       5798      0.296      74.563
            78        20       5818      0.257      74.820
            79        11       5829      0.141      74.961
            80        32       5861      0.412      75.373
            81        20       5881      0.257      75.630
            82        16       5897      0.206      75.836
            83        28       5925      0.360      76.196
            84        24       5949      0.309      76.505
            85        22       5971      0.283      76.788
            86        20       5991      0.257      77.045
            87        21       6012      0.270      77.315
            88        23       6035      0.296      77.611
            89        16       6051      0.206      77.816
            90        29       6080      0.373      78.189
            91        15       6095      0.193      78.382
            92        10       6105      0.129      78.511
            93        16       6121      0.206      78.717
            94        13       6134      0.167      78.884
            95        11       6145      0.141      79.025
            96        16       6161      0.206      79.231
            97        10       6171      0.129      79.360
            98        12       6183      0.154      79.514
            99        13       6196      0.167      79.681
           100         8       6204      0.103      79.784
           101         9       6213      0.116      79.900
           102         8       6221      0.103      80.003
           103        13       6234      0.167      80.170
           104         3       6237      0.039      80.208
           105         2       6239      0.026      80.234
           106         7       6246      0.090      80.324
           107         2       6248      0.026      80.350
           108         4       6252      0.051      80.401
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                          CREDITS THRU 7-82
CREDJU82          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         109              2      6254      0.026       80.427
         110              1      6255      0.013       80.440
         111              4      6259      0.051       80.491
         112              3      6262      0.039       80.530
         113              2      6264      0.026       80.556
         114              1      6265      0.013       80.568
         115              1      6266      0.013       80.581
         116              1      6267      0.013       80.594
         117              1      6268      0.013       80.607
         118              2      6270      0.026       80.633
         119              3      6273      0.039       80.671
         120              3      6276      0.039       80.710
         121              1      6277      0.013       80.723
         122              1      6278      0.013       80.736
         123              1      6279      0.013       80.748
         124              2      6281      0.026       80.774
         125              1      6282      0.013       80.787
         126              3      6285      0.039       80.826
         128              2      6287      0.026       80.851
         130              3      6290      0.039       80.890
         132              1      6291      0.013       80.903
         134              1      6292      0.013       80.916
         136              1      6293      0.013       80.928
         141              2      6295      0.026       80.954
         145              1      6296      0.013       80.967
         147              1      6297      0.013       80.980
         154              1      6298      0.013       80.993
         161              1      6299      0.013       81.006
         165              1      6300      0.013       81.019
         167              1      6301      0.013       81.031
         170              1      6302      0.013       81.044
         176              1      6303      0.013       81.057
*MISS/NO CR            1473      7776     18.943      100.000
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                        CREDITS THRU 10-82
CREDOC82       FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

        0         398        398      5.118       5.118
        1          35        433      0.450       5.568
        2          34        467      0.437       6.006
        3         121        588      1.556       7.562
        4          68        656      0.874       8.436
        5          38        694      0.489       8.925
        6         102        796      1.312      10.237
        7          53        849      0.682      10.918
        8          51        900      0.656      11.574
        9          90        990      1.157      12.731
       10          50       1040      0.643      13.374
       11          42       1082      0.540      13.915
       12         103       1185      1.325      15.239
       13          63       1248      0.810      16.049
       14          48       1296      0.617      16.667
       15          80       1376      1.029      17.695
       16          82       1458      1.055      18.750
       17          68       1526      0.874      19.624
       18          67       1593      0.862      20.486
       19          57       1650      0.733      21.219
       20          63       1713      0.810      22.029
       21          72       1785      0.926      22.955
       22          63       1848      0.810      23.765
       23          45       1893      0.579      24.344
       24          64       1957      0.823      25.167
       25          59       2016      0.759      25.926
       26          53       2069      0.682      26.608
       27          59       2128      0.759      27.366
       28          68       2196      0.874      28.241
       29          61       2257      0.784      29.025
       30          67       2324      0.862      29.887
       31          62       2386      0.797      30.684
       32          61       2447      0.784      31.469
       33          39       2486      0.502      31.970
       34          60       2546      0.772      32.742
       35          59       2605      0.759      33.501
       36          68       2673      0.874      34.375
       37          54       2727      0.694      35.069
       38          47       2774      0.604      35.674
       39          53       2827      0.682      36.355
       40          60       2887      0.772      37.127
       41          69       2956      0.887      38.014
       42          55       3011      0.707      38.722
       43          59       3070      0.759      39.480
       44          63       3133      0.810      40.291
       45          79       3212      1.016      41.307
       46          75       3287      0.965      42.271
       47          72       3359      0.926      43.197
       48          90       3449      1.157      44.354
       49          68       3517      0.874      45.229
       50          77       3594      0.990      46.219
       51          76       3670      0.977      47.197
       52          73       3743      0.939      48.135
       53          69       3812      0.887      49.023
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                              CREDITS THRU 10-82
CREDOC82          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
      54                 89      3901      1.145       50.167
      55                 92      3993      1.183       51.350
      56                 88      4081      1.132       52.482
      57                107      4188      1.376       53.858
      58                 86      4274      1.106       54.964
      59                100      4374      1.286       56.250
      60                146      4520      1.878       58.128
      61                137      4657      1.762       59.889
      62                127      4784      1.633       61.523
      63                144      4928      1.852       63.374
      64                116      5044      1.492       64.866
      65                 96      5140      1.235       66.101
      66                 78      5218      1.003       67.104
      67                 67      5285      0.862       67.966
      68                 68      5353      0.874       68.840
      69                 59      5412      0.759       69.599
      70                 45      5457      0.579       70.177
      71                 39      5496      0.502       70.679
      72                 58      5554      0.746       71.425
      73                 30      5584      0.386       71.811
      74                 43      5627      0.553       72.364
      75                 35      5662      0.450       72.814
      76                 36      5698      0.463       73.277
      77                 30      5728      0.386       73.663
      78                 21      5749      0.270       73.933
      79                 21      5770      0.270       74.203
      80                 31      5801      0.399       74.601
      81                 19      5820      0.244       74.846
      82                 24      5844      0.309       75.154
      83                 28      5872      0.360       75.514
      84                 24      5896      0.309       75.823
      85                 19      5915      0.244       76.067
      86                 19      5934      0.244       76.312
      87                 22      5956      0.283       76.595
      88                 28      5984      0.360       76.955
      89                 17      6001      0.219       77.173
      90                 25      6026      0.322       77.495
      91                 16      6042      0.206       77.701
      92                 12      6054      0.154       77.855
      93                 13      6067      0.167       78.022
      94                 11      6078      0.141       78.164
      95                 15      6093      0.193       78.356
      96                 22      6115      0.283       78.639
      97                 15      6130      0.193       78.832
      98                 17      6147      0.219       79.051
      99                 11      6158      0.141       79.192
     100                  6      6164      0.077       79.270
     101                 14      6178      0.180       79.450
     102                  8      6186      0.103       79.552
     103                 18      6204      0.231       79.784
     104                  6      6210      0.077       79.861
     105                  5      6215      0.064       79.925
     106                  9      6224      0.116       80.041
     107                  6      6230      0.077       80.118
     108                  7      6237      0.090       80.208
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                             CREDITS THRU 10-82
CREDOC82          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         109              4      6241      0.051       80.260
         110              3      6244      0.039       80.298
         111              5      6249      0.064       80.363
         112              6      6255      0.077       80.440
         113              4      6259      0.051       80.491
         114              1      6260      0.013       80.504
         115              1      6261      0.013       80.517
         116              1      6262      0.013       80.530
         117              2      6264      0.026       80.556
         118              2      6266      0.026       80.581
         119              1      6267      0.013       80.594
         120              2      6269      0.026       80.620
         121              1      6270      0.013       80.633
         122              2      6272      0.026       80.658
         123              1      6273      0.013       80.671
         124              1      6274      0.013       80.684
         125              3      6277      0.039       80.723
         126              4      6281      0.051       80.774
         127              1      6282      0.013       80.787
         128              2      6284      0.026       80.813
         129              1      6285      0.013       80.826
         130              3      6288      0.039       80.864
         132              2      6290      0.026       80.890
         136              1      6291      0.013       80.903
         140              1      6292      0.013       80.916
         141              1      6293      0.013       80.928
         147              1      6294      0.013       80.941
         148              1      6295      0.013       80.954
         154              1      6296      0.013       80.967
         156              1      6297      0.013       80.980
         159              1      6298      0.013       80.993
         161              1      6299      0.013       81.006
         165              1      6300      0.013       81.019
         167              1      6301      0.013       81.031
         170              1      6302      0.013       81.044
         176              1      6303      0.013       81.057
*MISS/NO CR            1473      7776     18.943      100.000
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                       CREDITS THRU 2-83
CREDFE83       FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

        0          256       256      3.292        3.292
        1           32       288      0.412        3.704
        2           31       319      0.399        4.102
        3          126       445      1.620        5.723
        4           69       514      0.887        6.610
        5           44       558      0.566        7.176
        6          103       661      1.325        8.501
        7           55       716      0.707        9.208
        8           51       767      0.656        9.864
        9           83       850      1.067       10.931
       10           55       905      0.707       11.638
       11           41       946      0.527       12.166
       12          115      1061      1.479       13.645
       13           55      1116      0.707       14.352
       14           47      1163      0.604       14.956
       15           71      1234      0.913       15.869
       16           74      1308      0.952       16.821
       17           43      1351      0.553       17.374
       18           56      1407      0.720       18.094
       19           61      1468      0.784       18.879
       20           61      1529      0.784       19.663
       21           88      1617      1.132       20.795
       22           59      1676      0.759       21.553
       23           55      1731      0.707       22.261
       24           48      1779      0.617       22.878
       25           55      1834      0.707       23.585
       26           55      1889      0.707       24.293
       27           56      1945      0.720       25.013
       28           63      2008      0.810       25.823
       29           44      2052      0.566       26.389
       30           50      2102      0.643       27.032
       31           50      2152      0.643       27.675
       32           35      2187      0.450       28.125
       33           42      2229      0.540       28.665
       34           44      2273      0.566       29.231
       35           49      2322      0.630       29.861
       36           51      2373      0.656       30.517
       37           43      2416      0.553       31.070
       38           43      2459      0.553       31.623
       39           50      2509      0.643       32.266
       40           55      2564      0.707       32.973
       41           52      2616      0.669       33.642
       42           43      2659      0.553       34.195
       43           49      2708      0.630       34.825
       44           41      2749      0.527       35.352
       45           55      2804      0.707       36.060
       46           57      2861      0.733       36.793
       47           52      2913      0.669       37.461
       48           58      2971      0.746       38.207
       49           57      3028      0.733       38.940
       50           49      3077      0.630       39.570
       51           52      3129      0.669       40.239
       52           39      3168      0.502       40.741
       53           47      3215      0.604       41.345
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                       CREDITS THRU 2-83
CREDFE83          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
             54          68      3283      0.874       42.220
             55          62      3345      0.797       43.017
             56          62      3407      0.797       43.814
             57          58      3465      0.746       44.560
             58          63      3528      0.810       45.370
             59          58      3586      0.746       46.116
             60          71      3657      0.913       47.029
             61          79      3736      1.016       48.045
             62          69      3805      0.887       48.933
             63          82      3887      1.055       49.987
             64          70      3957      0.900       50.887
             65          62      4019      0.797       51.685
             66          82      4101      1.055       52.739
             67          82      4183      1.055       53.794
             68          58      4241      0.746       54.540
             69          89      4330      1.145       55.684
             70          69      4399      0.887       56.572
             71          64      4463      0.823       57.395
             72          89      4552      1.145       58.539
             73         102      4654      1.312       59.851
             74          95      4749      1.222       61.073
             75          95      4844      1.222       62.294
             76         117      4961      1.505       63.799
             77          87      5048      1.119       64.918
             78          80      5128      1.029       65.947
             79          69      5197      0.887       66.834
             80          69      5266      0.887       67.721
             81          73      5339      0.939       68.660
             82          59      5398      0.759       69.419
             83          61      5459      0.784       70.203
             84          50      5509      0.643       70.846
             85          42      5551      0.540       71.386
             86          37      5588      0.476       71.862
             87          39      5627      0.502       72.364
             88          35      5662      0.450       72.814
             89          31      5693      0.399       73.212
             90          30      5723      0.386       73.598
             91          27      5750      0.347       73.945
             92          38      5788      0.489       74.434
             93          24      5812      0.309       74.743
             94          24      5836      0.309       75.051
             95          29      5865      0.373       75.424
             96          28      5893      0.360       75.784
             97          16      5909      0.206       75.990
             98          18      5927      0.231       76.222
             99          19      5946      0.244       76.466
            100          22      5968      0.283       76.749
            101          21      5989      0.270       77.019
            102          19      6008      0.244       77.263
            103          30      6038      0.386       77.649
            104          19      6057      0.244       77.894
            105          15      6072      0.193       78.086
            106          18      6090      0.231       78.318
            107          12      6102      0.154       78.472
            108          16      6118      0.206       78.678
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                        CREDITS THRU 2-83
CREDFE83          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         109           13      6131      0.167      78.845
         110           16      6147      0.206      79.051
         111           11      6158      0.141      79.192
         112           15      6173      0.193      79.385
         113           12      6185      0.154      79.540
         114            7      6192      0.090      79.630
         115            9      6201      0.116      79.745
         116            6      6207      0.077      79.823
         117            6      6213      0.077      79.900
         118            6      6219      0.077      79.977
         119            5      6224      0.064      80.041
         120            7      6231      0.090      80.131
         121            6      6237      0.077      80.208
         122            5      6242      0.064      80.273
         123            4      6246      0.051      80.324
         124            3      6249      0.039      80.363
         125            7      6256      0.090      80.453
         126            2      6258      0.026      80.478
         127            2      6260      0.026      80.504
         128            3      6263      0.039      80.543
         129            1      6264      0.013      80.556
         130            1      6265      0.013      80.568
         131            1      6266      0.013      80.581
         132            1      6267      0.013      80.594
         133            2      6269      0.026      80.620
         134            2      6271      0.026      80.646
         136            1      6272      0.013      80.658
         137            3      6275      0.039      80.697
         139            1      6276      0.013      80.710
         140            2      6278      0.026      80.736
         141            1      6279      0.013      80.748
         146            1      6280      0.013      80.761
         147            4      6284      0.051      80.813
         150            1      6285      0.013      80.826
         151            1      6286      0.013      80.838
         152            1      6287      0.013      80.851
         157            1      6288      0.013      80.864
         158            2      6290      0.026      80.890
         160            2      6292      0.026      80.916
         162            2      6294      0.026      80.941
         164            1      6295      0.013      80.954
         171            1      6296      0.013      80.967
         179            1      6297      0.013      80.980
         184            1      6298      0.013      80.993
         192            1      6299      0.013      81.006
         198            1      6300      0.013      81.019
         201            2      6302      0.026      81.044
         212            1      6303      0.013      81.057
*MISS/NO CR          1473      7776     18.943     100.000
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                        CREDITS THRU 7-83
CREDJU83        FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

       0              166       166     2.135        2.135
       1               34       200     0.437        2.572
       2               29       229     0.373        2.945
       3              122       351     1.569        4.514
       4               65       416     0.836        5.350
       5               42       458     0.540        5.890
       6              107       565     1.376        7.266
       7               49       614     0.630        7.896
       8               53       667     0.682        8.578
       9               87       754     1.119        9.697
      10               56       810     0.720       10.417
      11               38       848     0.489       10.905
      12              103       951     1.325       12.230
      13               51      1002     0.656       12.886
      14               47      1049     0.604       13.490
      15               67      1116     0.862       14.352
      16               62      1178     0.797       15.149
      17               39      1217     0.502       15.651
      18               49      1266     0.630       16.281
      19               49      1315     0.630       16.911
      20               48      1363     0.617       17.528
      21               68      1431     0.874       18.403
      22               55      1486     0.707       19.110
      23               59      1545     0.759       19.869
      24               55      1600     0.707       20.576
      25               60      1660     0.772       21.348
      26               55      1715     0.707       22.055
      27               60      1775     0.772       22.827
      28               64      1839     0.823       23.650
      29               42      1881     0.540       24.190
      30               55      1936     0.707       24.897
      31               50      1986     0.643       25.540
      32               41      2027     0.527       26.067
      33               44      2071     0.566       26.633
      34               42      2113     0.540       27.173
      35               40      2153     0.514       27.688
      36               38      2191     0.489       28.176
      37               32      2223     0.412       28.588
      38               35      2258     0.450       29.038
      39               55      2313     0.707       29.745
      40               36      2349     0.463       30.208
      41               36      2385     0.463       30.671
      42               36      2421     0.463       31.134
      43               39      2460     0.502       31.636
      44               45      2505     0.579       32.215
      45               43      2548     0.553       32.767
      46               43      2591     0.553       33.320
      47               44      2635     0.566       33.886
      48               56      2691     0.720       34.606
      49               39      2730     0.502       35.108
      50               39      2769     0.502       35.610
      51               40      2809     0.514       36.124
      52               41      2850     0.527       36.651
      53               30      2880     0.386       37.037
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                           CREDITS THRU 7-83
CREDJUB3          FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
      54                49      2929       0.630        37.667
      55                55      2984       0.707        38.374
      56                49      3033       0.630        39.005
      57                35      3068       0.450        39.455
      58                48      3116       0.617        40.072
      59                48      3164       0.617        40.689
      60                60      3224       0.772        41.461
      61                57      3281       0.733        42.194
      62                57      3338       0.733        42.927
      63                61      3399       0.784        43.711
      64                61      3460       0.784        44.496
      65                53      3513       0.682        45.177
      66                63      3576       0.810        45.988
      67                52      3628       0.669        46.656
      68                41      3669       0.527        47.184
      69                55      3724       0.707        47.891
      70                55      3779       0.707        48.598
      71                35      3814       0.450        49.048
      72                56      3870       0.720        49.769
      73                49      3919       0.630        50.399
      74                38      3957       0.489        50.887
      75                58      4015       0.746        51.633
      76                49      4064       0.630        52.263
      77                60      4124       0.772        53.035
      78                42      4166       0.540        53.575
      79                41      4207       0.527        54.102
      80                53      4260       0.682        54.784
      81                54      4314       0.694        55.478
      82                62      4376       0.797        56.276
      83                55      4431       0.707        56.983
      84                73      4504       0.939        57.922
      85                58      4562       0.746        58.668
      86                64      4626       0.823        59.491
      87                74      4700       0.952        60.442
      88                76      4776       0.977        61.420
      89                78      4854       1.003        62.423
      90                87      4941       1.119        63.542
      91                68      5009       0.874        64.416
      92                74      5083       0.952        65.368
      93                56      5139       0.720        66.088
      94                69      5208       0.887        66.975
      95                59      5267       0.759        67.734
      96                64      5331       0.823        68.557
      97                58      5389       0.746        69.303
      98                45      5434       0.579        69.882
      99                49      5483       0.630        70.512
     100                39      5522       0.502        71.013
     101                42      5564       0.540        71.553
     102                40      5604       0.514        72.068
     103                31      5635       0.399        72.467
     104                34      5669       0.437        72.904
     105                21      5690       0.270        73.174
     106                29      5719       0.373        73.547
     107                25      5744       0.322        73.868
     108                21      5765       0.270        74.138
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                         CREDITS THRU 7-83
CREDJU83        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         109        19       5784       0.244      74.383
         110        17       5801       0.219      74.601
         111        20       5821       0.257      74.859
         112        21       5842       0.270      75.129
         113        16       5858       0.206      75.334
         114        18       5876       0.231      75.566
         115        17       5893       0.219      75.784
         116        16       5909       0.206      75.990
         117        16       5925       0.206      76.196
         118        22       5947       0.283      76.479
         119        18       5965       0.231      76.710
         120        13       5978       0.167      76.878
         121        12       5990       0.154      77.032
         122        19       6009       0.244      77.276
         123        10       6019       0.129      77.405
         124        13       6032       0.167      77.572
         125        12       6044       0.154      77.726
         126        14       6058       0.180      77.906
         127        12       6070       0.154      78.061
         128        15       6085       0.193      78.254
         129        13       6098       0.167      78.421
         130        15       6113       0.193      78.614
         131         7       6120       0.090      78.704
         132        16       6136       0.206      78.909
         133        10       6146       0.129      79.038
         134        13       6159       0.167      79.205
         135         8       6167       0.103      79.308
         136         7       6174       0.090      79.398
         137         9       6183       0.116      79.514
         138         4       6187       0.051      79.565
         139         8       6195       0.103      79.668
         140         9       6204       0.116      79.784
         141         1       6205       0.013      79.797
         142         7       6212       0.090      79.887
         143         5       6217       0.064      79.951
         144         6       6223       0.077      80.028
         145         8       6231       0.103      80.131
         146         5       6236       0.064      80.195
         147        10       6246       0.129      80.324
         148         1       6247       0.013      80.337
         149         3       6250       0.039      80.376
         150         3       6253       0.039      80.414
         151         3       6256       0.039      80.453
         152         2       6258       0.026      80.478
         153         4       6262       0.051      80.530
         154         2       6264       0.026      80.556
         156         2       6266       0.026      80.581
         157         2       6268       0.026      80.607
         158         1       6269       0.013      80.620
         159         1       6270       0.013      80.633
         160         1       6271       0.013      80.646
         161         1       6272       0.013      80.658
         162         4       6276       0.051      80.710
         163         1       6277       0.013      80.723
         165         1       6278       0.013      80.736
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                          CREDITS THRU 7-83
CREDJU83          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         166              1      6279      0.013       80.748
         168              1      6280      0.013       80.761
         170              1      6281      0.013       80.774
         172              1      6282      0.013       80.787
         176              1      6283      0.013       80.800
         179              1      6284      0.013       80.813
         183              1      6285      0.013       80.826
         186              3      6288      0.039       80.864
         188              1      6289      0.013       80.877
         196              1      6290      0.013       80.890
         198              3      6293      0.039       80.928
         199              1      6294      0.013       80.941
         201              1      6295      0.013       80.954
         205              1      6296      0.013       80.967
         207              1      6297      0.013       80.980
         210              1      6298      0.013       80.993
         216              1      6299      0.013       81.006
         227              1      6300      0.013       81.019
         241              1      6301      0.013       81.031
         243              1      6302      0.013       81.044
         248              1      6303      0.013       81.057
*MISS/NO CR            1473      7776     18.943      100.000
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                    CREDITS THRU 10-83
CREDOC83      FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

        0           143       143      1.839        1.839
        1            36       179      0.463        2.302
        2            30       209      0.386        2.688
        3           128       337      1.646        4.334
        4            64       401      0.823        5.157
        5            41       442      0.527        5.684
        6           109       551      1.402        7.086
        7            46       597      0.592        7.677
        8            55       652      0.707        8.385
        9            87       739      1.119        9.504
       10            58       797      0.746       10.249
       11            42       839      0.540       10.790
       12            98       937      1.260       12.050
       13            51       988      0.656       12.706
       14            46      1034      0.592       13.297
       15            66      1100      0.849       14.146
       16            62      1162      0.797       14.943
       17            40      1202      0.514       15.458
       18            48      1250      0.617       16.075
       19            50      1300      0.643       16.718
       20            49      1349      0.630       17.348
       21            61      1410      0.784       18.133
       22            49      1459      0.630       18.763
       23            58      1517      0.746       19.509
       24            64      1581      0.823       20.332
       25            61      1642      0.784       21.116
       26            52      1694      0.669       21.785
       27            62      1756      0.797       22.582
       28            65      1821      0.836       23.418
       29            43      1864      0.553       23.971
       30            48      1912      0.617       24.588
       31            51      1963      0.656       25.244
       32            43      2006      0.553       25.797
       33            44      2050      0.566       26.363
       34            43      2093      0.553       26.916
       35            39      2132      0.502       27.418
       36            37      2169      0.476       27.894
       37            36      2205      0.463       28.356
       38            33      2238      0.424       28.781
       39            47      2285      0.604       29.385
       40            35      2320      0.450       29.835
       41            40      2360      0.514       30.350
       42            40      2400      0.514       30.864
       43            39      2439      0.502       31.366
       44            42      2481      0.540       31.906
       45            41      2522      0.527       32.433
       46            39      2561      0.502       32.935
       47            43      2604      0.553       33.488
       48            56      2660      0.720       34.208
       49            36      2696      0.463       34.671
       50            37      2733      0.476       35.147
       51            41      2774      0.527       35.674
       52            41      2815      0.527       36.201
       53            30      2845      0.386       36.587
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                       CREDITS THRU 10-83
CREDOC83        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
      54               45      2890      0.579       37.166
      55               52      2942      0.669       37.834
      56               49      2991      0.630       38.465
      57               37      3028      0.476       38.940
      58               46      3074      0.592       39.532
      59               42      3116      0.540       40.072
      60               54      3170      0.694       40.766
      61               54      3224      0.694       41.461
      62               58      3282      0.746       42.207
      63               59      3341      0.759       42.966
      64               63      3404      0.810       43.776
      65               46      3450      0.592       44.367
      66               63      3513      0.810       45.177
      67               53      3566      0.682       45.859
      68               46      3612      0.592       46.451
      69               58      3670      0.746       47.197
      70               48      3718      0.617       47.814
      71               30      3748      0.386       48.200
      72               53      3801      0.682       48.881
      73               47      3848      0.604       49.486
      74               43      3891      0.553       50.039
      75               54      3945      0.694       50.733
      76               49      3994      0.630       51.363
      77               46      4040      0.592       51.955
      78               44      4084      0.566       52.521
      79               36      4120      0.463       52.984
      80               48      4168      0.617       53.601
      81               45      4213      0.579       54.180
      82               57      4270      0.733       54.913
      83               51      4321      0.656       55.568
      84               69      4390      0.887       56.456
      85               53      4443      0.682       57.137
      86               52      4495      0.669       57.806
      87               83      4578      1.067       58.873
      88               57      4635      0.733       59.606
      89               60      4695      0.772       60.378
      90               77      4772      0.990       61.368
      91               64      4836      0.823       62.191
      92               80      4916      1.029       63.220
      93               79      4995      1.016       64.236
      94               64      5059      0.823       65.059
      95               68      5127      0.874       65.934
      96               72      5199      0.926       66.860
      97               66      5265      0.849       67.708
      98               55      5320      0.707       68.416
      99               54      5374      0.694       69.110
     100               48      5422      0.617       69.727
     101               46      5468      0.592       70.319
     102               48      5516      0.617       70.936
     103               34      5550      0.437       71.373
     104               38      5588      0.489       71.862
     105               24      5612      0.309       72.171
     106               33      5645      0.424       72.595
     107               27      5672      0.347       72.942
     108               18      5690      0.231       73.174
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                    CREDITS THRU 10-83
CREDOC83      FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
     109             25      5715     0.322       73.495
     110             16      5731     0.206       73.701
     111             24      5755     0.309       74.010
     112             22      5777     0.283       74.293
     113             21      5798     0.270       74.563
     114             20      5818     0.257       74.820
     115             14      5832     0.180       75.000
     116             21      5853     0.270       75.270
     117             19      5872     0.244       75.514
     118             22      5894     0.283       75.797
     119             17      5911     0.219       76.016
     120             14      5925     0.180       76.196
     121             18      5943     0.231       76.427
     122             18      5961     0.231       76.659
     123             16      5977     0.206       76.865
     124             15      5992     0.193       77.058
     125             15      6007     0.193       77.251
     126             18      6025     0.231       77.482
     127              9      6034     0.116       77.598
     128             11      6045     0.141       77.739
     129             13      6058     0.167       77.906
     130             17      6075     0.219       78.125
     131              8      6083     0.103       78.228
     132             15      6098     0.193       78.421
     133             12      6110     0.154       78.575
     134             16      6126     0.206       78.781
     135             10      6136     0.129       78.909
     136              7      6143     0.090       78.999
     137              8      6151     0.103       79.102
     138              8      6159     0.103       79.205
     139              6      6165     0.077       79.282
     140             14      6179     0.180       79.462
     141              3      6182     0.039       79.501
     142              8      6190     0.103       79.604
     143              5      6195     0.064       79.668
     144              7      6202     0.090       79.758
     145              9      6211     0.116       79.874
     146              4      6215     0.051       79.925
     147             11      6226     0.141       80.067
     148              4      6230     0.051       80.118
     149              5      6235     0.064       80.183
     150              7      6242     0.090       80.273
     151              3      6245     0.039       80.311
     152              3      6248     0.039       80.350
     153              3      6251     0.039       80.388
     154              3      6254     0.039       80.427
     156              2      6256     0.026       80.453
     157              4      6260     0.051       80.504
     158              1      6261     0.013       80.517
     160              1      6262     0.013       80.530
     161              1      6263     0.013       80.543
     162              2      6265     0.026       80.568
     163              1      6266     0.013       80.581
     164              1      6267     0.013       80.594
     165              1      6268     0.013       80.607
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                  STUDENT-LEVEL FILE FREQUENCIES              10:32 THURSDAY, AUGUST 15, 1985  272

                             CREDITS THRU 10-83
CREDOC83           FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
            166            1      6269      0.013       80.620
            167            2      6271      0.026       80.646
            168            3      6274      0.039       80.684
            169            1      6275      0.013       80.697
            170            3      6278      0.039       80.736
            171            1      6279      0.013       80.748
            172            1      6280      0.013       80.761
            175            1      6281      0.013       80.774
            179            1      6282      0.013       80.787
            182            1      6283      0.013       80.800
            183            1      6284      0.013       80.813
            185            1      6285      0.013       80.826
            186            2      6287      0.026       80.851
            188            1      6288      0.013       80.864
            192            1      6289      0.013       80.877
            198            2      6291      0.026       80.903
            199            1      6292      0.013       80.916
            201            1      6293      0.013       80.928
            205            1      6294      0.013       80.941
            207            1      6295      0.013       80.954
            210            2      6297      0.026       80.980
            211            1      6298      0.013       80.993
            224            1      6299      0.013       81.006
            227            1      6300      0.013       81.019
            241            1      6301      0.013       81.031
            243            1      6302      0.013       81.044
            248            1      6303      0.013       81.057
*MISS/NO CR             1473      7776     18.943      100.000
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                            CREDITS THRU 2-84
CREDFE84          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

              0         49        49      0.630        0.630
              1         33        82      0.424        1.055
              2         29       111      0.373        1.427
              3        134       245      1.723        3.151
              4         64       309      0.823        3.974
              5         43       352      0.553        4.527
              6        114       466      1.466        5.993
              7         44       510      0.566        6.559
              8         57       567      0.733        7.292
              9         84       651      1.080        8.372
             10         60       711      0.772        9.144
             11         44       755      0.566        9.709
             12         99       854      1.273       10.983
             13         52       906      0.669       11.651
             14         45       951      0.579       12.230
             15         72      1023      0.926       13.156
             16         64      1087      0.823       13.979
             17         42      1129      0.540       14.519
             18         46      1175      0.592       15.111
             19         51      1226      0.656       15.766
             20         53      1279      0.682       16.448
             21         59      1338      0.759       17.207
             22         49      1387      0.630       17.837
             23         47      1434      0.604       18.441
             24         49      1483      0.630       19.072
             25         54      1537      0.694       19.766
             26         48      1585      0.617       20.383
             27         60      1645      0.772       21.155
             28         60      1705      0.772       21.926
             29         41      1746      0.527       22.454
             30         49      1795      0.630       23.084
             31         49      1844      0.630       23.714
             32         35      1879      0.450       24.164
             33         50      1929      0.643       24.807
             34         44      1973      0.566       25.373
             35         46      2019      0.592       25.965
             36         43      2062      0.553       26.517
             37         35      2097      0.450       26.968
             38         41      2138      0.527       27.495
             39         46      2184      0.592       28.086
             40         38      2222      0.489       28.575
             41         31      2253      0.399       28.974
             42         35      2288      0.450       29.424
             43         29      2317      0.373       29.797
             44         29      2346      0.373       30.170
             45         38      2384      0.489       30.658
             46         42      2426      0.540       31.199
             47         41      2467      0.527       31.726
             48         41      2508      0.527       32.253
             49         31      2539      0.399       32.652
             50         26      2565      0.334       32.986
             51         29      2594      0.373       33.359
             52         39      2633      0.502       33.861
             53         22      2655      0.283       34.144
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                          CREDITS THRU 2-84
CREDFE84        FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
      54               34       2689      0.437        34.581
      55               41       2730      0.527        35.108
      56               46       2776      0.592        35.700
      57               38       2814      0.489        36.188
      58               49       2863      0.630        36.818
      59               30       2893      0.386        37.204
      60               59       2952      0.759        37.963
      61               57       3009      0.733        38.696
      62               43       3052      0.553        39.249
      63               53       3105      0.682        39.931
      64               53       3158      0.682        40.612
      65               48       3206      0.617        41.229
      66               57       3263      0.733        41.962
      67               33       3296      0.424        42.387
      68               47       3343      0.604        42.991
      69               48       3391      0.617        43.609
      70               36       3427      0.463        44.072
      71               37       3464      0.476        44.547
      72               45       3509      0.579        45.126
      73               35       3544      0.450        45.576
      74               34       3578      0.437        46.013
      75               54       3632      0.694        46.708
      76               38       3670      0.489        47.197
      77               45       3715      0.579        47.775
      78               37       3752      0.476        48.251
      79               36       3788      0.463        48.714
      80               35       3823      0.450        49.164
      81               40       3863      0.514        49.678
      82               29       3892      0.373        50.051
      83               37       3929      0.476        50.527
      84               41       3970      0.527        51.055
      85               38       4008      0.489        51.543
      86               39       4047      0.502        52.045
      87               50       4097      0.643        52.688
      88               40       4137      0.514        53.202
      89               25       4162      0.322        53.524
      90               42       4204      0.540        54.064
      91               47       4251      0.604        54.668
      92               39       4290      0.502        55.170
      93               42       4332      0.540        55.710
      94               36       4368      0.463        56.173
      95               45       4413      0.579        56.752
      96               51       4464      0.656        57.407
      97               46       4510      0.592        57.999
      98               36       4546      0.463        58.462
      99               34       4580      0.437        58.899
     100               51       4631      0.656        59.555
     101               48       4679      0.617        60.172
     102               54       4733      0.694        60.867
     103               45       4778      0.579        61.445
     104               55       4833      0.707        62.153
     105               75       4908      0.965        63.117
     106               73       4981      0.939        64.056
     107               63       5044      0.810        64.866
     108               67       5111      0.862        65.728
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                               CREDITS THRU 2-84
CREDFE84            FREQUENCY   CUM FREQ     PERCENT   CUM PERCENT
         109               50       5161       0.643        66.371
         110               53       5214       0.682        67.052
         111               58       5272       0.746        67.798
         112               65       5337       0.836        68.634
         113               44       5381       0.566        69.200
         114               41       5422       0.527        69.727
         115               52       5474       0.669        70.396
         116               44       5518       0.566        70.962
         117               40       5558       0.514        71.476
         118               48       5606       0.617        72.094
         119               30       5636       0.386        72.479
         120               30       5666       0.386        72.865
         121               31       5697       0.399        73.264
         122               29       5726       0.373        73.637
         123               22       5748       0.283        73.920
         124               26       5774       0.334        74.254
         125               24       5798       0.309        74.563
         126               27       5825       0.347        74.910
         127               20       5845       0.257        75.167
         128               28       5873       0.360        75.527
         129               20       5893       0.257        75.784
         130               20       5913       0.257        76.042
         131               13       5926       0.167        76.209
         132               13       5939       0.167        76.376
         133               17       5956       0.219        76.595
         134                9       5965       0.116        76.710
         135               17       5982       0.219        76.929
         136               13       5995       0.167        77.096
         137               11       6006       0.141        77.238
         138                9       6015       0.116        77.353
         139               13       6028       0.167        77.521
         140               13       6041       0.167        77.688
         141               15       6056       0.193        77.881
         142               10       6066       0.129        78.009
         143                7       6073       0.090        78.099
         144                9       6082       0.116        78.215
         145                7       6089       0.090        78.305
         146                7       6096       0.090        78.395
         147               10       6106       0.129        78.524
         148               16       6122       0.206        78.729
         149                9       6131       0.116        78.845
         150               10       6141       0.129        78.974
         151                6       6147       0.077        79.051
         152               10       6157       0.129        79.180
         153                6       6163       0.077        79.257
         154                5       6168       0.064        79.321
         155                8       6176       0.103        79.424
         156                9       6185       0.116        79.540
         157                5       6190       0.064        79.604
         158                5       6195       0.064        79.668
         159                4       6199       0.051        79.720
         160                5       6204       0.064        79.784
         161               14       6218       0.180        79.964
         162               10       6228       0.129        80.093
         163                4       6232       0.051        80.144
```

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                     CREDITS THRU 2-84
CREDFE84        FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         164            4      6236     0.051       80.195
         165            4      6240     0.051       80.247
         166            4      6244     0.051       80.298
         167            3      6247     0.039       80.337
         168            4      6251     0.051       80.388
         169            1      6252     0.013       80.401
         171            1      6253     0.013       80.414
         172            2      6255     0.026       80.440
         174            4      6259     0.051       80.491
         176            2      6261     0.026       80.517
         177            1      6262     0.013       80.530
         178            2      6264     0.026       80.556
         180            2      6266     0.026       80.581
         181            1      6267     0.013       80.594
         182            1      6268     0.013       80.607
         183            3      6271     0.039       80.646
         184            2      6273     0.026       80.671
         186            2      6275     0.026       80.697
         187            2      6277     0.026       80.723
         189            1      6278     0.013       80.736
         191            1      6279     0.013       80.748
         193            1      6280     0.013       80.761
         194            1      6281     0.013       80.774
         197            1      6282     0.013       80.787
         202            2      6284     0.026       80.813
         207            1      6285     0.013       80.826
         212            1      6286     0.013       80.838
         213            1      6287     0.013       80.851
         215            1      6288     0.013       80.864
         216            1      6289     0.013       80.877
         222            2      6291     0.026       80.903
         227            1      6292     0.013       80.916
         229            1      6293     0.013       80.928
         231            1      6294     0.013       80.941
         234            2      6296     0.026       80.967
         238            1      6297     0.013       80.980
         241            1      6298     0.013       80.993
         242            1      6299     0.013       81.006
         244            1      6300     0.013       81.019
         273            1      6301     0.013       81.031
         282            1      6302     0.013       81.044
         284            1      6303     0.013       81.057
*MISS/NO CR          1473      7776    18.943      100.000
```

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                         CREDITS THRU 7-84
CREDJUB4           FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

            0              2         2     0.026        0.026
            1             33        35     0.424        0.450
            2             26        61     0.334        0.784
            3            138       199     1.775        2.559
            4             62       261     0.797        3.356
            5             46       307     0.592        3.948
            6            119       426     1.530        5.478
            7             41       467     0.527        6.006
            8             56       523     0.720        6.726
            9             81       604     1.042        7.767
           10             65       669     0.836        8.603
           11             41       710     0.527        9.131
           12             92       802     1.183       10.314
           13             49       851     0.630       10.944
           14             41       892     0.527       11.471
           15             69       961     0.887       12.359
           16             57      1018     0.733       13.092
           17             33      1051     0.424       13.516
           18             47      1098     0.604       14.120
           19             51      1149     0.656       14.776
           20             47      1196     0.604       15.381
           21             56      1252     0.720       16.101
           22             47      1299     0.604       16.705
           23             46      1345     0.592       17.297
           24             48      1393     0.617       17.914
           25             45      1438     0.579       18.493
           26             48      1486     0.617       19.110
           27             54      1540     0.694       19.805
           28             51      1591     0.656       20.460
           29             37      1628     0.476       20.936
           30             52      1680     0.669       21.605
           31             58      1738     0.746       22.351
           32             40      1778     0.514       22.865
           33             50      1828     0.643       23.508
           34             42      1870     0.540       24.048
           35             48      1918     0.617       24.666
           36             44      1962     0.566       25.231
           37             35      1997     0.450       25.682
           38             35      2032     0.450       26.132
           39             42      2074     0.540       26.672
           40             36      2110     0.463       27.135
           41             32      2142     0.412       27.546
           42             33      2175     0.424       27.971
           43             35      2210     0.450       28.421
           44             33      2243     0.424       28.845
           45             36      2279     0.463       29.308
           46             44      2323     0.566       29.874
           47             39      2362     0.502       30.376
           48             44      2406     0.566       30.941
           49             38      2444     0.489       31.430
           50             32      2476     0.412       31.842
           51             31      2507     0.399       32.240
           52             33      2540     0.424       32.665
           53             23      2563     0.296       32.960
```

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                    CREDITS THRU 7-84
CREDJU84      FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
      54          34       2597      0.437      33.398
      55          36       2633      0.463      33.861
      56          33       2666      0.424      34.285
      57          38       2704      0.489      34.774
      58          35       2739      0.450      35.224
      59          24       2763      0.309      35.532
      60          53       2816      0.682      36.214
      61          43       2859      0.553      36.767
      62          39       2898      0.502      37.269
      63          41       2939      0.527      37.796
      64          48       2987      0.617      38.413
      65          42       3029      0.540      38.953
      66          42       3071      0.540      39.493
      67          40       3111      0.514      40.008
      68          44       3155      0.566      40.574
      69          39       3194      0.502      41.075
      70          31       3225      0.399      41.474
      71          21       3246      0.270      41.744
      72          37       3283      0.476      42.220
      73          39       3322      0.502      42.721
      74          36       3358      0.463      43.184
      75          40       3398      0.514      43.699
      76          33       3431      0.424      44.123
      77          38       3469      0.489      44.612
      78          26       3495      0.334      44.946
      79          30       3525      0.386      45.332
      80          22       3547      0.283      45.615
      81          35       3582      0.450      46.065
      82          26       3608      0.334      46.399
      83          36       3644      0.463      46.862
      84          38       3682      0.489      47.351
      85          28       3710      0.360      47.711
      86          36       3746      0.463      48.174
      87          41       3787      0.527      48.701
      88          30       3817      0.386      49.087
      89          31       3848      0.399      49.486
      90          41       3889      0.527      50.013
      91          29       3918      0.373      50.386
      92          27       3945      0.347      50.733
      93          44       3989      0.566      51.299
      94          29       4018      0.373      51.672
      95          29       4047      0.373      52.045
      96          31       4078      0.399      52.443
      97          30       4108      0.386      52.829
      98          26       4134      0.334      53.164
      99          34       4168      0.437      53.601
     100          32       4200      0.412      54.012
     101          39       4239      0.502      54.514
     102          35       4274      0.450      54.964
     103          31       4305      0.399      55.363
     104          37       4342      0.476      55.838
     105          18       4360      0.231      56.070
     106          42       4402      0.540      56.610
     107          30       4432      0.386      56.996
     108          37       4469      0.476      57.472
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                          CREDITS THRU 7-84
CREDJU84        FREQUENCY  CUM FREQ   PERCENT   CUM PERCENT
          109          46      4515     0.592        58.063
          110          31      4546     0.399        58.462
          111          45      4591     0.579        59.041
          112          35      4626     0.450        59.491
          113          35      4661     0.450        59.941
          114          40      4701     0.514        60.455
          115          45      4746     0.579        61.034
          116          41      4787     0.527        61.561
          117          51      4838     0.656        62.217
          118          50      4888     0.643        62.860
          119          41      4929     0.527        63.387
          120          71      5000     0.913        64.300
          121          55      5055     0.707        65.008
          122          64      5119     0.823        65.831
          123          53      5172     0.682        66.512
          124          60      5232     0.772        67.284
          125          45      5277     0.579        67.863
          126          49      5326     0.630        68.493
          127          47      5373     0.604        69.097
          128          74      5447     0.952        70.049
          129          52      5499     0.669        70.718
          130          50      5549     0.643        71.361
          131          42      5591     0.540        71.901
          132          38      5629     0.489        72.389
          133          30      5659     0.386        72.775
          134          19      5678     0.244        73.020
          135          24      5702     0.309        73.328
          136          36      5738     0.463        73.791
          137          16      5754     0.206        73.997
          138          20      5774     0.257        74.254
          139          19      5793     0.244        74.498
          140          17      5810     0.219        74.717
          141          13      5823     0.167        74.884
          142          15      5838     0.193        75.077
          143          11      5849     0.141        75.219
          144          10      5859     0.129        75.347
          145          15      5874     0.193        75.540
          146          17      5891     0.219        75.759
          147          12      5903     0.154        75.913
          148          15      5918     0.193        76.106
          149           8      5926     0.103        76.209
          150           8      5934     0.103        76.312
          151          12      5946     0.154        76.466
          152           9      5955     0.116        76.582
          153          11      5966     0.141        76.723
          154          13      5979     0.167        76.890
          155           9      5988     0.116        77.006
          156           3      5991     0.039        77.045
          157          10      6001     0.129        77.173
          158           8      6009     0.103        77.276
          159           6      6015     0.077        77.353
          160           8      6023     0.103        77.456
          161           8      6031     0.103        77.559
          162          16      6047     0.206        77.765
          163          11      6058     0.141        77.906
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                           CREDITS THRU 7-84
CREDJU84          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
          164             8      6066      0.103       78.009
          165             6      6072      0.077       78.086
          166             6      6078      0.077       78.164
          167             5      6083      0.064       78.228
          168            11      6094      0.141       78.369
          169             8      6102      0.103       78.472
          170             7      6109      0.090       78.562
          171             9      6118      0.116       78.678
          172             4      6122      0.051       78.729
          173             5      6127      0.064       78.794
          174             8      6135      0.103       78.897
          175             5      6140      0.064       78.961
          176             9      6149      0.116       79.077
          177             3      6152      0.039       79.115
          178             4      6156      0.051       79.167
          179            12      6168      0.154       79.321
          180             6      6174      0.077       79.398
          181             4      6178      0.051       79.450
          182             3      6181      0.039       79.488
          183             3      6184      0.039       79.527
          184            10      6194      0.129       79.655
          185             4      6198      0.051       79.707
          186            10      6208      0.129       79.835
          187             9      6217      0.116       79.951
          188             4      6221      0.051       80.003
          189             2      6223      0.026       80.028
          190             5      6228      0.064       80.093
          191             4      6232      0.051       80.144
          192             5      6237      0.064       80.208
          193             6      6243      0.077       80.285
          194             3      6246      0.039       80.324
          195             1      6247      0.013       80.337
          196             2      6249      0.026       80.363
          197             2      6251      0.026       80.388
          198             3      6254      0.039       80.427
          199             3      6257      0.039       80.466
          200             1      6258      0.013       80.478
          201             1      6259      0.013       80.491
          202             5      6264      0.064       80.556
          204             2      6266      0.026       80.581
          205             1      6267      0.013       80.594
          206             2      6269      0.026       80.620
          209             3      6272      0.039       80.658
          211             1      6273      0.013       80.671
          212             1      6274      0.013       80.684
          215             1      6275      0.013       80.697
          216             1      6276      0.013       80.710
          217             1      6277      0.013       80.723
          219             2      6279      0.026       80.748
          220             2      6281      0.026       80.774
          221             1      6282      0.013       80.787
          223             1      6283      0.013       80.800
          224             1      6284      0.013       80.813
          227             1      6285      0.013       80.826
          232             1      6286      0.013       80.838
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                      CREDITS THRU 7-84
CREDJU84        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         234            1      6287      0.013       80.851
         238            1      6288      0.013       80.864
         242            1      6289      0.013       80.877
         245            1      6290      0.013       80.890
         253            1      6291      0.013       80.903
         259            1      6292      0.013       80.916
         260            1      6293      0.013       80.928
         261            1      6294      0.013       80.941
         266            1      6295      0.013       80.954
         270            2      6297      0.026       80.980
         271            2      6299      0.026       81.006
         276            1      6300      0.013       81.019
         298            1      6301      0.013       81.031
         309            1      6302      0.013       81.044
         319            1      6303      0.013       81.057
*MISS/NO CR          1473      7776     18.943      100.000
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                       RECORD TYPE INDICATR
      RECTYPE2      FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

      TRANSCRIPT      11288      11288    100.000      100.000


                        TRANSCRIPT NUMBER
        TRANSNUM    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

               1       7776       7776     68.887       68.887
               2       2828      10604     25.053       93.940
               3        602      11206      5.333       99.274
               4         75      11281      0.664       99.938
               5          6      11287      0.053       99.991
               6          1      11288      0.009      100.000


                         RCVD TRANSCRIPT
        TRNSFLAG    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

        NO             1903       1903     16.859       16.859
        YES            9385      11288     83.141      100.000


                        TRANSFR CRSE FLAG
        TRNSFERT    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

        NO             7727       7727     68.453       68.453
        YES            1658       9385     14.688       83.141
        MISSING        1903      11288     16.859      100.000


                        FINAL DISPOSITION
FINDISP             FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

RECEIVED               9385       9385     83.141       83.141
SCH REFUSED             108       9493      0.957       84.098
NO AT/NO SCH            863      10356      7.645       91.743
LOST/DESTRYD            369      10725      3.269       95.012
SCH CLOSD/UNDEL          18      10743      0.159       95.172
NO RESPONSE             545      11288      4.828      100.000


                       POST-SEC SCHL REGION
      PSREGION      FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

      *NORTHEAST       2082       2082     18.444       18.444
      *NORTHCENT       2736       4818     24.238       42.682
      *SOUTH           3949       8767     34.984       77.667
      *WEST            2472      11239     21.899       99.566
      *FOREIGN           49      11288      0.434      100.000
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                     INSTITUTION TYPE
INSTYPE          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

VOCATIONAL           921        921      8.159        8.159
PRIV,NON VOC        2170       3091     19.224       27.383
PUB,ACA 4-YR        4070       7161     36.056       63.439
PUB,ACA 2-YR        3820      10981     33.841       97.280
FOREIGN               44      11025      0.390       97.670
UNCLASSIFIED         263      11288      2.330      100.000

                   # OF TERMS ON TRNSCR
           TERMS FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

               0       2          2      0.018        0.018
               1    1386       1388     12.279       12.296
               2    1200       2588     10.631       22.927
               3     912       3500      8.079       31.006
               4     909       4409      8.053       39.059
               5     735       5144      6.511       45.571
               6     718       5862      6.361       51.931
               7     580       6442      5.138       57.069
               8     784       7226      6.945       64.015
               9     658       7884      5.829       69.844
              10     491       8375      4.350       74.194
              11     363       8738      3.216       77.410
              12     287       9025      2.543       79.952
              13     179       9204      1.586       81.538
              14     118       9322      1.045       82.583
              15      42       9364      0.372       82.955
              16      12       9376      0.106       83.062
              17       1       9377      0.009       83.071
              18       2       9379      0.018       83.088
              19       2       9381      0.018       83.106
              21       1       9382      0.009       83.115
              22       2       9384      0.018       83.133
              30       1       9385      0.009       83.141
              99    1903      11288     16.859      100.000

                    1ST CREDNTL EARNED
DEGREE1          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

ASSOCIATE            738        738      6.538        6.538
BACHELORS           1061       1799      9.399       15.937
MASTERS                2       1801      0.018       15.955
PH.D.                  2       1803      0.018       15.973
LICENSE                3       1806      0.027       15.999
CERTIFICATE          235       2041      2.082       18.081
NO DEGREE           7344       9385     65.060       83.141
MISSING             1903      11288     16.859      100.000
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                    2ND CREDNTL EARNED
DEGREE2        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

ASSOCIATE             12        12      0.106        0.106
BACHELORS             23        35      0.204        0.310
MASTERS                1        36      0.009        0.319
CERTIFICATE           15        51      0.133        0.452
NO DEGREE              1        52      0.009        0.461
MISSING            11236     11288     99.539      100.000

                    3RD CREDNTL EARNED
DEGREE3        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

BACHELORS              1         1      0.009        0.009
CERTIFICATE            1         2      0.009        0.018
MISSING            11286     11288     99.982      100.000
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                     VERBATIM, 1ST CREDEN
DEGNAME1     FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

                9491
A                  3          3      0.167        0.167
A A                1          4      0.056        0.223
A TECH             1          5      0.056        0.278
A.                 2          7      0.111        0.390
A. A.              2          9      0.111        0.501
A. A. S            4         13      0.223        0.723
A. AP S            1         14      0.056        0.779
A. B.              3         17      0.167        0.946
A. S.              1         18      0.056        1.002
A.A                6         24      0.334        1.336
A.A.             141        165      7.846        9.182
A.A.A              1        166      0.056        9.238
A.A.A.             1        167      0.056        9.293
A.A.S              4        171      0.223        9.516
A.A.S.            44        215      2.449       11.964
A.A.SCI            3        218      0.167       12.131
A.AS               1        219      0.056       12.187
A.B                2        221      0.111       12.298
A.B.              37        258      2.059       14.357
A.D.               2        260      0.111       14.469
A.GS               1        261      0.056       14.524
A.N.A.             1        262      0.056       14.580
A.P.S.             1        263      0.056       14.636
A.S                3        266      0.167       14.802
A.S.              99        365      5.509       20.312
A.S.A.             1        366      0.056       20.367
A.S.B.             1        367      0.056       20.423
A.S.N.             1        368      0.056       20.479
A.SCI              1        369      0.056       20.534
A.T.               3        372      0.167       20.701
A.T.A.             2        374      0.111       20.812
A-ARTS             1        375      0.056       20.868
A-GEN S            1        376      0.056       20.924
A,A                1        377      0.056       20.979
A,S,               1        378      0.056       21.035
AA               161        539      8.959       29.994
AA/ARM             1        540      0.056       30.050
AAA                2        542      0.111       30.161
AAA&S              1        543      0.056       30.217
AAB                7        550      0.390       30.607
AAS               83        633      4.619       35.225
AB                18        651      1.002       36.227
ABJ                2        653      0.111       36.338
ABS                3        656      0.167       36.505
ACS                1        657      0.056       36.561
AD                 2        659      0.111       36.672
AE                 1        660      0.056       36.728
AET                1        661      0.056       36.784
ANIM HB            1        662      0.056       36.839
AOS                2        664      0.111       36.950
AP SCI             2        666      0.111       37.062
APP SCI            4        670      0.223       37.284
APS                1        671      0.056       37.340
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                       VERBATIM, 1ST CREDEN
DEGNAME1    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
ART                 1        672      0.056        37.396
ARTS               29        701      1.614        39.009
AS                 47        748      2.615        41.625
AS. A               1        749      0.056        41.681
AS. A.              1        750      0.056        41.736
ASB                 1        751      0.056        41.792
ASBD                2        753      0.111        41.903
ASC                 2        755      0.111        42.014
ASSOC               3        758      0.167        42.181
ASSOC D             3        761      0.167        42.348
ASSOCIA            11        772      0.612        42.960
AST                 2        774      0.111        43.072
AT                  1        775      0.056        43.127
B AP AR             1        776      0.056        43.183
B BUS A             1        777      0.056        43.239
B BUS.              1        778      0.056        43.294
B OF BU             1        779      0.056        43.350
B OF SC             1        780      0.056        43.406
B S                 4        784      0.223        43.628
B.                  1        785      0.056        43.684
B. A.               8        793      0.445        44.129
B. BA.              1        794      0.056        44.185
B. BUSI             1        795      0.056        44.240
B. S.              19        814      1.057        45.298
B.A                 4        818      0.223        45.520
B.A.              245       1063     13.634        59.154
B.A.ED.             1       1064      0.056        59.210
B.B.                1       1065      0.056        59.265
B.B.A               1       1066      0.056        59.321
B.B.A.             14       1080      0.779        60.100
B.E.                1       1081      0.056        60.156
B.ENGI.             1       1082      0.056        60.211
B.F.A.              6       1088      0.334        60.545
B.FA.               1       1089      0.056        60.601
B.G.S.              2       1091      0.111        60.712
B.J.                1       1092      0.056        60.768
B.M.                1       1093      0.056        60.824
B.M.E.              1       1094      0.056        60.879
B.M.ED.             1       1095      0.056        60.935
B.P.S.              1       1096      0.056        60.991
B.S                 3       1099      0.167        61.157
B.S.              286       1385     15.915        77.073
B.S.C.J             1       1386      0.056        77.129
B.S.E.              1       1387      0.056        77.184
B.S.N.              2       1389      0.111        77.295
B.S.S.              1       1390      0.056        77.351
B.S,                1       1391      0.056        77.407
B.T.                1       1392      0.056        77.462
B-ARTS              8       1400      0.445        77.908
B-BU AD             2       1402      0.111        78.019
B-BUS A             3       1405      0.167        78.186
B-FINE              1       1406      0.056        78.242
B-MUSIC             1       1407      0.056        78.297
B-SCIEN            10       1417      0.556        78.854
B/ACCTY             1       1418      0.056        78.909
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                     VERBATIM, 1ST CREDEN
DEGNAME1     FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
BA                 126       1544      7.012        85.921
BASW                 1       1545      0.056        85.977
BBA                 17       1562      0.946        86.923
BBUS.                1       1563      0.056        86.978
BFA                  3       1566      0.167        87.145
BGS                  1       1567      0.056        87.201
BS                 161       1728      8.959        96.160
BS ADV               1       1729      0.056        96.216
BS BUS.              1       1730      0.056        96.272
BS BUSI              1       1731      0.056        96.327
BS ED                3       1734      0.167        96.494
BS ED.               1       1735      0.056        96.550
BS H EC              1       1736      0.056        96.605
BS.                  1       1737      0.056        96.661
BS/EDUC              1       1738      0.056        96.717
BSB                  1       1739      0.056        96.772
BSBA                 5       1744      0.278        97.051
BSC                  1       1745      0.056        97.106
BSCHE                1       1746      0.056        97.162
BSE                  2       1748      0.111        97.273
BSED                 1       1749      0.056        97.329
BSME                 2       1751      0.111        97.440
BSPA                 1       1752      0.056        97.496
BSW                  2       1754      0.111        97.607
BUS                  2       1756      0.111        97.718
BUS ADM              2       1758      0.111        97.830
BUSINES              1       1759      0.056        97.885
COM SCI              1       1760      0.056        97.941
FOR SER              1       1761      0.056        97.997
GEN STU              1       1762      0.056        98.052
HOS MGT              1       1763      0.056        98.108
LIB ART              1       1764      0.056        98.164
M.S.                 1       1765      0.056        98.219
MASTERS              1       1766      0.056        98.275
MD                   1       1767      0.056        98.331
MED TEC              1       1768      0.056        98.386
MGMT                 1       1769      0.056        98.442
MUSIC                1       1770      0.056        98.497
P.HD.                1       1771      0.056        98.553
S                    1       1772      0.056        98.608
SCI                  1       1773      0.056        98.664
SCIENCE             20       1793      1.113        99.777
SPEC                 1       1794      0.056        99.833
SPEC BU              1       1795      0.056        99.889
SPECIAL              2       1797      0.111       100.000
```

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                 VERBATIM, 2ND CREDEN
DEGNAME2    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

                11252         .
A.A.                2         2     5.556        5.556
A.A.S.              1         3     2.778        8.333
AA                  1         4     2.778       11.111
AAS                 1         5     2.778       13.889
AB                  1         6     2.778       16.667
ARTS                2         8     5.556       22.222
AS                  4        12    11.111       33.333
ASSOC               1        13     2.778       36.111
B. A.               1        14     2.778       38.889
B.A.                2        16     5.556       44.444
B.S.                8        24    22.222       66.667
BA                  1        25     2.778       69.444
BS                  6        31    16.667       86.111
BSBA                2        33     5.556       91.667
LIB STU             1        34     2.778       94.444
MA                  1        35     2.778       97.222
SCIENCE             1        36     2.778      100.000


                 VERBATIM, 3RD CREDEN
DEGNAME3    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

                11287
B.S.                1         1   100.000      100.000


                  HONORS, 1ST CREDEN
 HONORS1    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

 NO              1453      1453    12.872       12.872
 YES              350      1803     3.101       15.973
 MISSING         9485     11288    84.027      100.000


                  HONORS, 2ND CREDEN
 HONORS2    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

 NO                26        26     0.230        0.230
 YES               10        36     0.089        0.319
 MISSING        11252     11288    99.681      100.000


                  HONORS, 3RD CREDEN
 HONORS3    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

 YES                1         1     0.009        0.009
 MISSING        11287     11288    99.991      100.000
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                      GPA FOR 1ST CREDENTL
GPA1          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

      0         517         517      4.580       4.580
   0.04           1         518      0.009       4.589
   0.07           1         519      0.009       4.598
   0.09           1         520      0.009       4.607
  0.111           1         521      0.009       4.616
   0.12           1         522      0.009       4.624
  0.125           1         523      0.009       4.633
  0.146           1         524      0.009       4.642
   0.16           3         527      0.027       4.669
   0.17           1         528      0.009       4.678
   0.18           2         530      0.018       4.695
   0.19           1         531      0.009       4.704
    0.2           3         534      0.027       4.731
   0.21           1         535      0.009       4.740
   0.25           3         538      0.027       4.766
   0.26           1         539      0.009       4.775
  0.273           1         540      0.009       4.784
   0.28           2         542      0.018       4.802
  0.286           1         543      0.009       4.810
    0.3           3         546      0.027       4.837
  0.308           1         547      0.009       4.846
   0.31           1         548      0.009       4.855
   0.33           5         553      0.044       4.899
  0.333           1         554      0.009       4.908
   0.36           1         555      0.009       4.917
    0.4           5         560      0.044       4.961
   0.41           1         561      0.009       4.970
   0.43           2         563      0.018       4.988
   0.44           2         565      0.018       5.005
   0.45           1         566      0.009       5.014
  0.462           1         567      0.009       5.023
   0.48           1         568      0.009       5.032
  0.487           1         569      0.009       5.041
  0.491           1         570      0.009       5.050
    0.5          19         589      0.168       5.218
   0.51           1         590      0.009       5.227
   0.52           1         591      0.009       5.236
   0.53           4         595      0.035       5.271
   0.55           1         596      0.009       5.280
   0.56           2         598      0.018       5.298
  0.565           1         599      0.009       5.307
   0.57           3         602      0.027       5.333
  0.571           1         603      0.009       5.342
   0.58           1         604      0.009       5.351
  0.583           1         605      0.009       5.360
   0.59           2         607      0.018       5.377
    0.6           8         615      0.071       5.448
   0.61           2         617      0.018       5.466
   0.62           3         620      0.027       5.493
   0.63           4         624      0.035       5.528
   0.64           1         625      0.009       5.537
   0.65           2         627      0.018       5.555
   0.66           2         629      0.018       5.572
  0.666           1         630      0.009       5.581
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                     GPA FOR 1ST CREDENTL
GPA1       FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
   0.667           1       631     0.009        5.590
    0.67          11       642     0.097        5.687
    0.68           4       646     0.035        5.723
   0.681           1       647     0.009        5.732
    0.69           2       649     0.018        5.749
   0.692           2       651     0.018        5.767
     0.7           6       657     0.053        5.820
    0.71           2       659     0.018        5.838
    0.72           1       660     0.009        5.847
   0.727           1       661     0.009        5.856
   0.733           1       662     0.009        5.865
   0.734           1       663     0.009        5.873
    0.75           9       672     0.080        5.953
    0.76           3       675     0.027        5.980
   0.762           1       676     0.009        5.989
    0.78           4       680     0.035        6.024
    0.79           2       682     0.018        6.042
     0.8           9       691     0.080        6.122
   0.807           1       692     0.009        6.130
    0.81           2       694     0.018        6.148
   0.818           1       695     0.009        6.157
    0.82           3       698     0.027        6.184
   0.824           1       699     0.009        6.192
   0.829           1       700     0.009        6.201
    0.83           7       707     0.062        6.263
    0.84           2       709     0.018        6.281
    0.85           7       716     0.062        6.343
   0.857           3       719     0.027        6.370
    0.86           3       722     0.027        6.396
   0.866           1       723     0.009        6.405
    0.87           1       724     0.009        6.414
   0.875           1       725     0.009        6.423
    0.88           4       729     0.035        6.458
    0.89           2       731     0.018        6.476
   0.897           1       732     0.009        6.485
     0.9           2       734     0.018        6.502
   0.902           1       735     0.009        6.511
    0.91           3       738     0.027        6.538
   0.917           1       739     0.009        6.547
    0.92           3       742     0.027        6.573
   0.923           1       743     0.009        6.582
    0.93           1       744     0.009        6.591
   0.931           1       745     0.009        6.600
    0.94           4       749     0.035        6.635
   0.944           1       750     0.009        6.644
   0.947           1       751     0.009        6.653
    0.95           1       752     0.009        6.662
    0.96           5       757     0.044        6.706
   0.962           1       758     0.009        6.715
    0.97           2       760     0.018        6.733
    0.98           1       761     0.009        6.742
   0.983           1       762     0.009        6.751
    0.99           1       763     0.009        6.759
       1          86       849     0.762        7.521
    1.01           3       852     0.027        7.548
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                         GPA FOR 1ST CREDENTL
GPA1           FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
   1.015               1        853      0.009         7.557
    1.02               1        854      0.009         7.566
   1.025               1        855      0.009         7.574
    1.03               2        857      0.018         7.592
   1.039               1        858      0.009         7.601
    1.04               1        859      0.009         7.610
    1.05               5        864      0.044         7.654
    1.06               3        867      0.027         7.681
    1.07               2        869      0.018         7.698
   1.071               1        870      0.009         7.707
    1.08               1        871      0.009         7.716
    1.09               4        875      0.035         7.752
     1.1               6        881      0.053         7.805
    1.11               4        885      0.035         7.840
    1.12               6        891      0.053         7.893
   1.125               1        892      0.009         7.902
   1.129               1        893      0.009         7.911
    1.13              10        903      0.089         8.000
   1.135               1        904      0.009         8.009
    1.14               4        908      0.035         8.044
   1.148               1        909      0.009         8.053
    1.15               2        911      0.018         8.071
   1.154               1        912      0.009         8.079
    1.16               2        914      0.018         8.097
   1.167               1        915      0.009         8.106
    1.17               3        918      0.027         8.133
   1.177               1        919      0.009         8.141
    1.18               1        920      0.009         8.150
    1.19               2        922      0.018         8.168
     1.2              10        932      0.089         8.257
    1.22               4        936      0.035         8.292
    1.23              11        947      0.097         8.389
    1.25              11        958      0.097         8.487
   1.253               1        959      0.009         8.496
    1.26               5        964      0.044         8.540
   1.262               1        965      0.009         8.549
    1.27               8        973      0.071         8.620
   1.273               2        975      0.018         8.637
   1.278               1        976      0.009         8.646
    1.28               3        979      0.027         8.673
    1.29               8        987      0.071         8.744
     1.3              14       1001      0.124         8.868
    1.31               8       1009      0.071         8.939
    1.32               5       1014      0.044         8.983
   1.325               1       1015      0.009         8.992
    1.33              21       1036      0.186         9.178
   1.333               5       1041      0.044         9.222
    1.34               3       1044      0.027         9.249
   1.347               1       1045      0.009         9.258
    1.35               6       1051      0.053         9.311
   1.351               1       1052      0.009         9.320
   1.353               1       1053      0.009         9.328
   1.357               1       1054      0.009         9.337
    1.36               8       1062      0.071         9.408
    1.37               3       1065      0.027         9.435
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                       GPA FOR 1ST CREDENTL
GPA1          FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
   1.372          1          1066       0.009         9.444
   1.373          1          1067       0.009         9.453
   1.378          1          1068       0.009         9.461
   1.379          1          1069       0.009         9.470
    1.38         10          1079       0.089         9.559
   1.384          1          1080       0.009         9.568
   1.385          3          1083       0.027         9.594
   1.387          1          1084       0.009         9.603
   1.388          1          1085       0.009         9.612
    1.39          8          1093       0.071         9.683
   1.391          1          1094       0.009         9.692
     1.4         14          1108       0.124         9.816
   1.405          1          1109       0.009         9.825
    1.41          3          1112       0.027         9.851
   1.414          1          1113       0.009         9.860
   1.415          1          1114       0.009         9.869
   1.416          1          1115       0.009         9.878
    1.42         12          1127       0.106         9.984
   1.421          1          1128       0.009         9.993
   1.423          1          1129       0.009        10.002
    1.43          8          1137       0.071        10.073
   1.433          1          1138       0.009        10.082
   1.435          1          1139       0.009        10.090
    1.44          8          1147       0.071        10.161
   1.444          2          1149       0.018        10.179
   1.447          1          1150       0.009        10.188
   1.448          1          1151       0.009        10.197
    1.45          7          1158       0.062        10.259
   1.457          1          1159       0.009        10.268
    1.46          9          1168       0.080        10.347
   1.462          1          1169       0.009        10.356
   1.469          1          1170       0.009        10.365
    1.47          2          1172       0.018        10.383
   1.478          1          1173       0.009        10.392
    1.48          9          1182       0.080        10.471
   1.484          1          1183       0.009        10.480
   1.486          1          1184       0.009        10.489
    1.49          3          1187       0.027        10.516
     1.5         60          1247       0.532        11.047
   1.507          1          1248       0.009        11.056
    1.51          8          1256       0.071        11.127
   1.515          2          1258       0.018        11.145
   1.517          1          1259       0.009        11.153
    1.52          4          1263       0.035        11.189
   1.527          1          1264       0.009        11.198
    1.53          8          1272       0.071        11.269
   1.533          2          1274       0.018        11.286
   1.535          1          1275       0.009        11.295
    1.54          9          1284       0.080        11.375
   1.541          1          1285       0.009        11.384
    1.55          7          1292       0.062        11.446
   1.556          1          1293       0.009        11.455
    1.56         11          1304       0.097        11.552
   1.562          1          1305       0.009        11.561
   1.563          1          1306       0.009        11.570
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                         GPA FOR 1ST CREDENTL
    GPA1        FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
      1.565             1       1307      0.009        11.579
       1.57            22       1329      0.195        11.774
      1.571             2       1331      0.018        11.791
       1.58             9       1340      0.080        11.871
      1.583             1       1341      0.009        11.880
      1.585             1       1342      0.009        11.889
      1.588             1       1343      0.009        11.898
       1.59             2       1345      0.018        11.915
        1.6            13       1358      0.115        12.030
      1.607             1       1359      0.009        12.039
       1.61             5       1364      0.044        12.084
      1.612             1       1365      0.009        12.092
      1.615             1       1366      0.009        12.101
       1.62            15       1381      0.133        12.234
      1.625             2       1383      0.018        12.252
      1.628             1       1384      0.009        12.261
       1.63            10       1394      0.089        12.349
       1.64            11       1405      0.097        12.447
      1.647             1       1406      0.009        12.456
      1.648             1       1407      0.009        12.465
      1.649             1       1408      0.009        12.473
       1.65             4       1412      0.035        12.509
       1.66             6       1418      0.053        12.562
      1.667             8       1426      0.071        12.633
       1.67            15       1441      0.133        12.766
      1.674             1       1442      0.009        12.775
      1.675             1       1443      0.009        12.783
      1.679             1       1444      0.009        12.792
       1.68             5       1449      0.044        12.837
       1.69             9       1458      0.080        12.916
      1.692             3       1461      0.027        12.943
        1.7            17       1478      0.151        13.094
      1.704             1       1479      0.009        13.102
      1.705             1       1480      0.009        13.111
      1.706             1       1481      0.009        13.120
      1.709             1       1482      0.009        13.129
       1.71             6       1488      0.053        13.182
      1.714             4       1492      0.035        13.218
      1.717             1       1493      0.009        13.226
       1.72            10       1503      0.089        13.315
      1.726             1       1504      0.009        13.324
      1.727             1       1505      0.009        13.333
       1.73            12       1517      0.106        13.439
      1.732             1       1518      0.009        13.448
      1.734             1       1519      0.009        13.457
      1.735             1       1520      0.009        13.466
      1.738             1       1521      0.009        13.474
       1.74             9       1530      0.080        13.554
      1.747             1       1531      0.009        13.563
       1.75            20       1551      0.177        13.740
      1.759             1       1552      0.009        13.749
       1.76            12       1564      0.106        13.855
      1.761             2       1566      0.018        13.873
      1.764             1       1567      0.009        13.882
      1.769             3       1570      0.027        13.909
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                    GPA FOR 1ST CREDENTL
GPA1        FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
   1.77          9       1579        0.080       13.988
  1.771          1       1580        0.009       13.997
   1.78         11       1591        0.097       14.095
  1.789          2       1593        0.018       14.112
   1.79         11       1604        0.097       14.210
  1.791          1       1605        0.009       14.219
  1.795          1       1606        0.009       14.227
  1.797          1       1607        0.009       14.236
    1.8         21       1628        0.186       14.422
  1.801          1       1629        0.009       14.431
  1.803          1       1630        0.009       14.440
  1.807          1       1631        0.009       14.449
  1.809          1       1632        0.009       14.458
   1.81         10       1642        0.089       14.546
  1.814          1       1643        0.009       14.555
  1.815          1       1644        0.009       14.564
  1.818          3       1647        0.027       14.591
   1.82         15       1662        0.133       14.724
  1.823          1       1663        0.009       14.732
  1.825          1       1664        0.009       14.741
  1.826          1       1665        0.009       14.750
   1.83         16       1681        0.142       14.892
  1.835          1       1682        0.009       14.901
   1.84         11       1693        0.097       14.998
  1.844          1       1694        0.009       15.007
  1.845          1       1695        0.009       15.016
  1.846          1       1696        0.009       15.025
   1.85         13       1709        0.115       15.140
  1.857          2       1711        0.018       15.158
   1.86         13       1724        0.115       15.273
  1.862          1       1725        0.009       15.282
  1.867          1       1726        0.009       15.291
  1.868          1       1727        0.009       15.299
   1.87         17       1744        0.151       15.450
  1.871          1       1745        0.009       15.459
  1.875          2       1747        0.018       15.477
   1.88         15       1762        0.133       15.609
  1.886          2       1764        0.018       15.627
  1.889          2       1766        0.018       15.645
   1.89         15       1781        0.133       15.778
  1.894          1       1782        0.009       15.787
  1.899          1       1783        0.009       15.796
    1.9         20       1803        0.177       15.973
  1.902          1       1804        0.009       15.982
  1.904          1       1805        0.009       15.990
  1.909          1       1806        0.009       15.999
   1.91         14       1820        0.124       16.123
  1.912          2       1822        0.018       16.141
  1.916          1       1823        0.009       16.150
   1.92          6       1829        0.053       16.203
  1.921          1       1830        0.009       16.212
  1.922          1       1831        0.009       16.221
  1.927          2       1833        0.018       16.238
   1.93         10       1843        0.089       16.327
  1.933          1       1844        0.009       16.336
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                           GPA FOR 1ST CREDENTL
GPA1         FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
   1.935           1       1845       0.009       16.345
   1.938           2       1847       0.018       16.363
    1.94          11       1858       0.097       16.460
   1.947           1       1859       0.009       16.469
    1.95          10       1869       0.089       16.557
   1.952           1       1870       0.009       16.566
   1.954           1       1871       0.009       16.575
   1.955           1       1872       0.009       16.584
    1.96          10       1882       0.089       16.673
   1.966           1       1883       0.009       16.681
    1.97           9       1892       0.080       16.761
   1.972           2       1894       0.018       16.779
   1.977           1       1895       0.009       16.788
    1.98          19       1914       0.168       16.956
   1.982           1       1915       0.009       16.965
    1.99           9       1924       0.080       17.045
   1.992           1       1925       0.009       17.054
       2         211       2136       1.869       18.923
    2.01           9       2145       0.080       19.002
   2.015           1       2146       0.009       19.011
   2.018           1       2147       0.009       19.020
    2.02          14       2161       0.124       19.144
   2.022           2       2163       0.018       19.162
   2.024           1       2164       0.009       19.171
    2.03          12       2176       0.106       19.277
   2.032           1       2177       0.009       19.286
   2.038           1       2178       0.009       19.295
    2.04          11       2189       0.097       19.392
   2.043           1       2190       0.009       19.401
   2.046           1       2191       0.009       19.410
   2.049           1       2192       0.009       19.419
    2.05          16       2208       0.142       19.561
   2.052           1       2209       0.009       19.569
   2.055           1       2210       0.009       19.578
   2.057           1       2211       0.009       19.587
    2.06          20       2231       0.177       19.764
   2.063           1       2232       0.009       19.773
   2.066           1       2233       0.009       19.782
   2.067           2       2235       0.018       19.800
   2.068           1       2236       0.009       19.809
   2.069           1       2237       0.009       19.818
    2.07          16       2253       0.142       19.959
   2.071           2       2255       0.018       19.977
   2.072           1       2256       0.009       19.986
   2.077           1       2257       0.009       19.995
   2.078           1       2258       0.009       20.004
    2.08          20       2278       0.177       20.181
   2.082           1       2279       0.009       20.190
   2.084           1       2280       0.009       20.198
   2.085           1       2281       0.009       20.207
   2.086           1       2282       0.009       20.216
    2.09          19       2301       0.168       20.384
   2.091           1       2302       0.009       20.393
   2.093           2       2304       0.018       20.411
   2.095           1       2305       0.009       20.420
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                    GPA FOR 1ST CREDENTL
GPA1        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
   2.1          24       2329       0.213       20.633
 2.104           1       2330       0.009       20.641
 2.107           1       2331       0.009       20.650
  2.11          13       2344       0.115       20.765
 2.111           2       2346       0.018       20.783
 2.112           1       2347       0.009       20.792
 2.113           1       2348       0.009       20.801
 2.115           1       2349       0.009       20.810
 2.117           1       2350       0.009       20.819
  2.12          13       2363       0.115       20.934
 2.121           1       2364       0.009       20.943
 2.125           3       2367       0.027       20.969
 2.128           2       2369       0.018       20.987
 2.129           1       2370       0.009       20.996
  2.13          15       2385       0.133       21.129
 2.133           1       2386       0.009       21.137
 2.134           2       2388       0.018       21.155
 2.139           1       2389       0.009       21.164
  2.14          19       2408       0.168       21.332
 2.143           2       2410       0.018       21.350
 2.148           1       2411       0.009       21.359
  2.15          17       2428       0.151       21.510
 2.155           1       2429       0.009       21.518
 2.157           1       2430       0.009       21.527
 2.158           1       2431       0.009       21.536
  2.16          23       2454       0.204       21.740
 2.161           1       2455       0.009       21.749
 2.163           1       2456       0.009       21.758
 2.164           1       2457       0.009       21.766
 2.166           1       2458       0.009       21.775
 2.167           2       2460       0.018       21.793
 2.168           1       2461       0.009       21.802
  2.17          20       2481       0.177       21.979
 2.174           2       2483       0.018       21.997
 2.176           1       2484       0.009       22.006
 2.177           3       2487       0.027       22.032
 2.178           1       2488       0.009       22.041
  2.18          19       2507       0.168       22.209
 2.185           1       2508       0.009       22.218
 2.187           2       2510       0.018       22.236
 2.188           2       2512       0.018       22.254
  2.19          16       2528       0.142       22.395
 2.196           1       2529       0.009       22.404
   2.2          28       2557       0.248       22.652
  2.21          21       2578       0.186       22.838
 2.212           1       2579       0.009       22.847
 2.213           1       2580       0.009       22.856
 2.216           1       2581       0.009       22.865
 2.217           1       2582       0.009       22.874
 2.218           1       2583       0.009       22.883
  2.22          19       2602       0.168       23.051
 2.221           1       2603       0.009       23.060
 2.222           3       2606       0.027       23.086
 2.223           1       2607       0.009       23.095
 2.227           1       2608       0.009       23.104
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                  GPA FOR 1ST CREDENTL
GPA1      FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
   2.23        28       2636      0.248     23.352
  2.231         2       2638      0.018     23.370
  2.232         2       2640      0.018     23.388
  2.233         1       2641      0.009     23.397
  2.237         1       2642      0.009     23.405
   2.24        14       2656      0.124     23.529
  2.243         1       2657      0.009     23.538
  2.245         2       2659      0.018     23.556
   2.25        40       2699      0.354     23.910
  2.255         1       2700      0.009     23.919
  2.257         1       2701      0.009     23.928
  2.258         2       2703      0.018     23.946
   2.26        12       2715      0.106     24.052
  2.262         1       2716      0.009     24.061
  2.263         1       2717      0.009     24.070
  2.266         1       2718      0.009     24.079
   2.27        23       2741      0.204     24.282
  2.271         1       2742      0.009     24.291
  2.272         1       2743      0.009     24.300
  2.274         2       2745      0.018     24.318
  2.275         2       2747      0.018     24.336
   2.28        17       2764      0.151     24.486
  2.282         1       2765      0.009     24.495
  2.284         1       2766      0.009     24.504
  2.285         3       2769      0.027     24.530
  2.286         1       2770      0.009     24.539
  2.288         1       2771      0.009     24.548
   2.29        14       2785      0.124     24.672
  2.294         1       2786      0.009     24.681
  2.297         1       2787      0.009     24.690
    2.3        31       2818      0.275     24.965
  2.301         1       2819      0.009     24.973
  2.306         1       2820      0.009     24.982
  2.308         1       2821      0.009     24.991
   2.31        21       2842      0.186     25.177
  2.311         2       2844      0.018     25.195
  2.312         1       2845      0.009     25.204
  2.313         1       2846      0.009     25.213
  2.314         1       2847      0.009     25.221
  2.318         1       2848      0.009     25.230
  2.319         1       2849      0.009     25.239
   2.32        16       2865      0.142     25.381
  2.321         1       2866      0.009     25.390
  2.322         1       2867      0.009     25.399
  2.325         1       2868      0.009     25.408
   2.33        38       2906      0.337     25.744
  2.331         1       2907      0.009     25.753
  2.333         7       2914      0.062     25.815
  2.334         1       2915      0.009     25.824
  2.338         3       2918      0.027     25.850
   2.34        15       2933      0.133     25.983
  2.342         1       2934      0.009     25.992
  2.343         1       2935      0.009     26.001
  2.344         1       2936      0.009     26.010
  2.345         1       2937      0.009     26.019
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                  GPA FOR 1ST CREDENTL
GPA1        FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
   2.346          1       2938      0.009       26.028
   2.347          1       2939      0.009       26.036
   2.348          1       2940      0.009       26.045
    2.35         20       2960      0.177       26.223
   2.354          1       2961      0.009       26.231
   2.355          2       2963      0.018       26.249
   2.356          1       2964      0.009       26.258
   2.357          2       2966      0.018       26.276
   2.359          1       2967      0.009       26.285
    2.36         24       2991      0.213       26.497
   2.361          1       2992      0.009       26.506
   2.364          1       2993      0.009       26.515
    2.37         24       3017      0.213       26.727
   2.375          1       3018      0.009       26.736
   2.377          1       3019      0.009       26.745
   2.378          1       3020      0.009       26.754
    2.38         24       3044      0.213       26.967
   2.384          2       3046      0.018       26.984
   2.386          1       3047      0.009       26.993
   2.387          1       3048      0.009       27.002
    2.39         14       3062      0.124       27.126
   2.391          1       3063      0.009       27.135
   2.392          2       3065      0.018       27.153
   2.393          1       3066      0.009       27.162
   2.394          1       3067      0.009       27.170
   2.395          1       3068      0.009       27.179
     2.4         34       3102      0.301       27.481
   2.401          1       3103      0.009       27.489
   2.406          1       3104      0.009       27.498
    2.41         19       3123      0.168       27.667
   2.413          2       3125      0.018       27.684
   2.414          1       3126      0.009       27.693
   2.416          1       3127      0.009       27.702
   2.417          1       3128      0.009       27.711
   2.419          3       3131      0.027       27.737
    2.42         19       3150      0.168       27.906
   2.424          1       3151      0.009       27.915
   2.426          1       3152      0.009       27.923
   2.428          1       3153      0.009       27.932
   2.429          3       3156      0.027       27.959
    2.43         30       3186      0.266       28.225
   2.431          1       3187      0.009       28.234
   2.434          1       3188      0.009       28.242
   2.435          4       3192      0.035       28.278
   2.436          2       3194      0.018       28.296
   2.438          1       3195      0.009       28.304
   2.439          1       3196      0.009       28.313
    2.44         31       3227      0.275       28.588
   2.444          1       3228      0.009       28.597
   2.445          1       3229      0.009       28.606
    2.45         16       3245      0.142       28.747
   2.453          1       3246      0.009       28.756
   2.454          1       3247      0.009       28.765
   2.457          1       3248      0.009       28.774
   2.458          2       3250      0.018       28.792
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                  GPA FOR 1ST CREDENTL
GPA1       FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
   2.459          1      3251      0.009       28.800
    2.46         20      3271      0.177       28.978
   2.461          1      3272      0.009       28.987
   2.462          1      3273      0.009       28.995
   2.466          1      3274      0.009       29.004
    2.47         23      3297      0.204       29.208
   2.471          2      3299      0.018       29.226
   2.472          1      3300      0.009       29.235
   2.475          1      3301      0.009       29.243
   2.476          2      3303      0.018       29.261
   2.477          2      3305      0.018       29.279
   2.478          1      3306      0.009       29.288
    2.48         16      3322      0.142       29.429
   2.481          1      3323      0.009       29.438
   2.483          1      3324      0.009       29.447
   2.488          1      3325      0.009       29.456
    2.49         13      3338      0.115       29.571
   2.492          1      3339      0.009       29.580
   2.493          1      3340      0.009       29.589
   2.494          2      3342      0.018       29.607
   2.496          2      3344      0.018       29.624
     2.5         90      3434      0.797       30.422
   2.509          1      3435      0.009       30.431
    2.51         21      3456      0.186       30.617
   2.512          1      3457      0.009       30.625
   2.515          1      3458      0.009       30.634
   2.517          1      3459      0.009       30.643
   2.518          1      3460      0.009       30.652
    2.52         19      3479      0.168       30.820
   2.521          2      3481      0.018       30.838
   2.523          1      3482      0.009       30.847
   2.526          1      3483      0.009       30.856
   2.528          1      3484      0.009       30.865
   2.529          1      3485      0.009       30.873
    2.53         23      3508      0.204       31.077
   2.536          1      3509      0.009       31.086
   2.537          1      3510      0.009       31.095
   2.538          2      3512      0.018       31.113
    2.54         24      3536      0.213       31.325
   2.543          1      3537      0.009       31.334
   2.544          1      3538      0.009       31.343
   2.546          1      3539      0.009       31.352
   2.549          1      3540      0.009       31.361
    2.55         24      3564      0.213       31.573
   2.551          1      3565      0.009       31.582
   2.555          1      3566      0.009       31.591
   2.556          5      3571      0.044       31.635
   2.559          1      3572      0.009       31.644
    2.56         16      3588      0.142       31.786
   2.562          1      3589      0.009       31.795
   2.563          1      3590      0.009       31.804
   2.564          2      3592      0.018       31.821
   2.565          2      3594      0.018       31.839
   2.567          3      3597      0.027       31.866
    2.57         32      3629      0.283       32.149
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                   GPA FOR 1ST CREDENTL
 GPA1        FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
    2.571            3      3632      0.027        32.176
    2.576            1      3633      0.009        32.185
    2.577            1      3634      0.009        32.193
    2.578            1      3635      0.009        32.202
    2.579            2      3637      0.018        32.220
     2.58           20      3657      0.177        32.397
    2.583            2      3659      0.018        32.415
    2.586            1      3660      0.009        32.424
     2.59           18      3678      0.159        32.583
    2.592            1      3679      0.009        32.592
      2.6           26      3705      0.230        32.822
    2.601            1      3706      0.009        32.831
     2.61           21      3727      0.186        33.017
    2.611            1      3728      0.009        33.026
    2.613            1      3729      0.009        33.035
    2.614            1      3730      0.009        33.044
    2.616            1      3731      0.009        33.053
    2.617            2      3733      0.018        33.071
     2.62           21      3754      0.186        33.257
    2.621            1      3755      0.009        33.265
    2.622            1      3756      0.009        33.274
    2.623            2      3758      0.018        33.292
    2.625            2      3760      0.018        33.310
    2.627            1      3761      0.009        33.319
    2.629            2      3763      0.018        33.336
     2.63           19      3782      0.168        33.505
    2.631            1      3783      0.009        33.513
    2.632            1      3784      0.009        33.522
    2.635            2      3786      0.018        33.540
    2.636            2      3788      0.018        33.558
     2.64           19      3807      0.168        33.726
    2.644            1      3808      0.009        33.735
    2.647            2      3810      0.018        33.753
    2.649            1      3811      0.009        33.762
     2.65           17      3828      0.151        33.912
    2.652            1      3829      0.009        33.921
    2.653            1      3830      0.009        33.930
    2.657            1      3831      0.009        33.939
    2.658            1      3832      0.009        33.948
    2.659            1      3833      0.009        33.956
     2.66           24      3857      0.213        34.169
    2.661            4      3861      0.035        34.204
    2.662            1      3862      0.009        34.213
    2.666            3      3865      0.027        34.240
    2.667            3      3868      0.027        34.266
    2.669            1      3869      0.009        34.275
     2.67           38      3907      0.337        34.612
    2.672            1      3908      0.009        34.621
    2.673            1      3909      0.009        34.630
    2.676            1      3910      0.009        34.639
    2.679            1      3911      0.009        34.647
     2.68           19      3930      0.168        34.816
    2.681            1      3931      0.009        34.825
    2.685            1      3932      0.009        34.833
    2.688            3      3935      0.027        34.860
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                  GPA FOR 1ST CREDENTL
GPA1        FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
   2.689            1      3936     0.009       34.869
    2.69           23      3959     0.204       35.073
   2.691            2      3961     0.018       35.090
   2.692            1      3962     0.009       35.099
   2.695            1      3963     0.009       35.108
   2.696            3      3966     0.027       35.135
   2.697            2      3968     0.018       35.152
   2.698            2      3970     0.018       35.170
     2.7           33      4003     0.292       35.462
   2.701            1      4004     0.009       35.471
   2.703            1      4005     0.009       35.480
   2.707            1      4006     0.009       35.489
    2.71           20      4026     0.177       35.666
   2.712            1      4027     0.009       35.675
   2.714            1      4028     0.009       35.684
   2.716            1      4029     0.009       35.693
   2.717            1      4030     0.009       35.702
   2.718            1      4031     0.009       35.710
    2.72           22      4053     0.195       35.905
   2.724            3      4056     0.027       35.932
   2.727            1      4057     0.009       35.941
   2.728            1      4058     0.009       35.950
   2.729            1      4059     0.009       35.959
    2.73           23      4082     0.204       36.162
   2.732            1      4083     0.009       36.171
   2.734            1      4084     0.009       36.180
   2.737            3      4087     0.027       36.207
    2.74           18      4105     0.159       36.366
   2.741            1      4106     0.009       36.375
   2.742            1      4107     0.009       36.384
   2.746            1      4108     0.009       36.393
    2.75           31      4139     0.275       36.667
   2.752            1      4140     0.009       36.676
   2.753            1      4141     0.009       36.685
   2.754            1      4142     0.009       36.694
    2.76           18      4160     0.159       36.853
   2.765            3      4163     0.027       36.880
   2.767            1      4164     0.009       36.889
   2.769            1      4165     0.009       36.898
    2.77           17      4182     0.151       37.048
   2.771            1      4183     0.009       37.057
   2.772            2      4185     0.018       37.075
   2.773            1      4186     0.009       37.084
   2.774            1      4187     0.009       37.092
   2.775            2      4189     0.018       37.110
   2.778            2      4191     0.018       37.128
    2.78           25      4216     0.221       37.349
   2.781            2      4218     0.018       37.367
   2.784            2      4220     0.018       37.385
   2.785            1      4221     0.009       37.394
   2.786            1      4222     0.009       37.403
   2.787            2      4224     0.018       37.420
   2.789            1      4225     0.009       37.429
    2.79           16      4241     0.142       37.571
   2.791            1      4242     0.009       37.580
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                        GPA FOR 1ST CREDENTL
GPA1        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
   2.792            1      4243      0.009       37.589
   2.793            2      4245      0.018       37.606
   2.795            1      4246      0.009       37.615
     2.8           49      4295      0.434       38.049
   2.806            2      4297      0.018       38.067
    2.81           30      4327      0.266       38.333
   2.813            1      4328      0.009       38.342
   2.814            1      4329      0.009       38.350
   2.815            1      4330      0.009       38.359
   2.816            1      4331      0.009       38.368
   2.817            1      4332      0.009       38.377
    2.82           27      4359      0.239       38.616
   2.821            1      4360      0.009       38.625
   2.824            1      4361      0.009       38.634
   2.826            1      4362      0.009       38.643
   2.829            1      4363      0.009       38.652
    2.83           32      4395      0.283       38.935
   2.837            1      4396      0.009       38.944
    2.84           21      4417      0.186       39.130
   2.841            1      4418      0.009       39.139
   2.843            1      4419      0.009       39.148
   2.846            1      4420      0.009       39.157
   2.848            1      4421      0.009       39.165
   2.849            1      4422      0.009       39.174
    2.85           19      4441      0.168       39.343
   2.852            1      4442      0.009       39.352
   2.854            1      4443      0.009       39.360
   2.856            1      4444      0.009       39.369
   2.858            1      4445      0.009       39.378
    2.86           21      4466      0.186       39.564
   2.863            1      4467      0.009       39.573
   2.866            2      4469      0.018       39.591
    2.87           17      4486      0.151       39.741
   2.872            1      4487      0.009       39.750
   2.874            1      4488      0.009       39.759
   2.875            2      4490      0.018       39.777
   2.878            1      4491      0.009       39.786
   2.879            1      4492      0.009       39.794
    2.88           20      4512      0.177       39.972
   2.881            1      4513      0.009       39.981
   2.882            1      4514      0.009       39.989
   2.883            1      4515      0.009       39.998
   2.884            2      4517      0.018       40.016
   2.885            1      4518      0.009       40.025
   2.887            1      4519      0.009       40.034
   2.889            1      4520      0.009       40.043
    2.89           19      4539      0.168       40.211
   2.891            1      4540      0.009       40.220
   2.893            1      4541      0.009       40.229
   2.897            1      4542      0.009       40.237
     2.9           20      4562      0.177       40.415
   2.901            1      4563      0.009       40.423
   2.903            1      4564      0.009       40.432
   2.906            1      4565      0.009       40.441
    2.91           22      4587      0.195       40.636
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                    GPA FOR 1ST CREDENTL
GPA1       FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
  2.917            1       4588      0.009        40.645
  2.919            1       4589      0.009        40.654
   2.92           20       4609      0.177        40.831
  2.921            1       4610      0.009        40.840
  2.923            2       4612      0.018        40.858
  2.925            1       4613      0.009        40.866
  2.926            1       4614      0.009        40.875
  2.929            1       4615      0.009        40.884
   2.93            8       4623      0.071        40.955
  2.931            1       4624      0.009        40.964
  2.933            1       4625      0.009        40.973
  2.934            1       4626      0.009        40.982
  2.935            2       4628      0.018        40.999
  2.938            1       4629      0.009        41.008
   2.94           17       4646      0.151        41.159
  2.942            1       4647      0.009        41.168
  2.943            2       4649      0.018        41.185
  2.944            1       4650      0.009        41.194
  2.945            2       4652      0.018        41.212
  2.946            1       4653      0.009        41.221
  2.947            1       4654      0.009        41.230
  2.948            1       4655      0.009        41.238
   2.95           10       4665      0.089        41.327
  2.955            1       4666      0.009        41.336
   2.96           18       4684      0.159        41.495
  2.965            1       4685      0.009        41.504
  2.966            1       4686      0.009        41.513
  2.967            1       4687      0.009        41.522
  2.968            1       4688      0.009        41.531
   2.97           17       4705      0.151        41.681
  2.971            1       4706      0.009        41.690
  2.972            1       4707      0.009        41.699
  2.973            1       4708      0.009        41.708
  2.975            2       4710      0.018        41.726
  2.977            1       4711      0.009        41.735
  2.979            1       4712      0.009        41.743
   2.98           13       4725      0.115        41.859
  2.982            1       4726      0.009        41.867
  2.984            1       4727      0.009        41.876
  2.985            1       4728      0.009        41.885
  2.988            1       4729      0.009        41.894
  2.989            1       4730      0.009        41.903
   2.99            8       4738      0.071        41.974
  2.992            1       4739      0.009        41.983
  2.996            1       4740      0.009        41.991
  2.998            1       4741      0.009        42.000
  2.999            1       4742      0.009        42.009
      3          237       4979      2.100        44.109
  3.003            1       4980      0.009        44.118
  3.007            1       4981      0.009        44.127
  3.008            1       4982      0.009        44.135
  3.009            1       4983      0.009        44.144
   3.01            9       4992      0.080        44.224
   3.02           13       5005      0.115        44.339
  3.021            1       5006      0.009        44.348
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                          GPA FOR 1ST CREDENTL
GPA1         FREQUENCY   CUM FREQ     PERCENT   CUM PERCENT
    3.024            1       5007       0.009        44.357
     3.03           16       5023       0.142        44.499
    3.031            1       5024       0.009        44.507
    3.033            2       5026       0.018        44.525
    3.035            1       5027       0.009        44.534
    3.036            1       5028       0.009        44.543
    3.037            2       5030       0.018        44.561
     3.04           17       5047       0.151        44.711
    3.041            1       5048       0.009        44.720
    3.042            1       5049       0.009        44.729
    3.043            2       5051       0.018        44.747
    3.045            1       5052       0.009        44.755
    3.047            2       5054       0.018        44.773
    3.048            1       5055       0.009        44.782
    3.049            2       5057       0.018        44.800
     3.05           18       5075       0.159        44.959
    3.053            2       5077       0.018        44.977
    3.057            1       5078       0.009        44.986
     3.06           18       5096       0.159        45.145
    3.061            1       5097       0.009        45.154
    3.063            1       5098       0.009        45.163
    3.064            1       5099       0.009        45.172
    3.068            1       5100       0.009        45.181
     3.07           17       5117       0.151        45.331
    3.071            1       5118       0.009        45.340
    3.072            2       5120       0.018        45.358
    3.075            1       5121       0.009        45.367
     3.08           26       5147       0.230        45.597
    3.082            1       5148       0.009        45.606
    3.086            1       5149       0.009        45.615
    3.087            1       5150       0.009        45.624
     3.09           19       5169       0.168        45.792
    3.091            1       5170       0.009        45.801
    3.093            1       5171       0.009        45.810
      3.1           22       5193       0.195        46.005
    3.103            1       5194       0.009        46.013
    3.105            1       5195       0.009        46.022
     3.11           17       5212       0.151        46.173
    3.111            1       5213       0.009        46.182
    3.113            2       5215       0.018        46.200
    3.114            3       5218       0.027        46.226
    3.115            1       5219       0.009        46.235
    3.117            1       5220       0.009        46.244
    3.119            1       5221       0.009        46.253
     3.12           12       5233       0.106        46.359
    3.121            2       5235       0.018        46.377
    3.122            1       5236       0.009        46.386
    3.128            1       5237       0.009        46.394
    3.129            1       5238       0.009        46.403
     3.13           19       5257       0.168        46.572
    3.132            1       5258       0.009        46.580
    3.136            1       5259       0.009        46.589
     3.14           24       5283       0.213        46.802
    3.141            1       5284       0.009        46.811
    3.142            1       5285       0.009        46.820
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                   GPA FOR 1ST CREDENTL
GPA1        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
   3.147            1      5286      0.009       46.828
    3.15           13      5299      0.115       46.944
   3.159            1      5300      0.009       46.953
    3.16           18      5318      0.159       47.112
   3.162            1      5319      0.009       47.121
   3.164            1      5320      0.009       47.130
   3.166            1      5321      0.009       47.139
   3.167            3      5324      0.027       47.165
   3.169            1      5325      0.009       47.174
    3.17           15      5340      0.133       47.307
   3.172            2      5342      0.018       47.325
   3.177            1      5343      0.009       47.333
   3.178            1      5344      0.009       47.342
    3.18           25      5369      0.221       47.564
   3.182            2      5371      0.018       47.582
   3.183            1      5372      0.009       47.590
   3.184            1      5373      0.009       47.599
   3.187            2      5375      0.018       47.617
    3.19           12      5387      0.106       47.723
   3.194            1      5388      0.009       47.732
   3.197            1      5389      0.009       47.741
   3.199            1      5390      0.009       47.750
     3.2           26      5416      0.230       47.980
   3.202            1      5417      0.009       47.989
   3.204            1      5418      0.009       47.998
   3.205            1      5419      0.009       48.007
   3.206            1      5420      0.009       48.016
   3.208            1      5421      0.009       48.024
    3.21           14      5435      0.124       48.148
   3.211            1      5436      0.009       48.157
   3.216            1      5437      0.009       48.166
    3.22           15      5452      0.133       48.299
   3.222            1      5453      0.009       48.308
   3.225            1      5454      0.009       48.317
   3.226            1      5455      0.009       48.326
    3.23           22      5477      0.195       48.521
   3.231            1      5478      0.009       48.529
   3.236            1      5479      0.009       48.538
    3.24           14      5493      0.124       48.662
   3.242            1      5494      0.009       48.671
   3.247            1      5495      0.009       48.680
   3.248            1      5496      0.009       48.689
    3.25           35      5531      0.310       48.999
   3.254            2      5533      0.018       49.017
   3.256            1      5534      0.009       49.026
    3.26           13      5547      0.115       49.141
   3.264            1      5548      0.009       49.150
   3.265            1      5549      0.009       49.158
   3.266            1      5550      0.009       49.167
   3.267            2      5552      0.018       49.185
   3.269            1      5553      0.009       49.194
    3.27           20      5573      0.177       49.371
   3.275            2      5575      0.018       49.389
    3.28           13      5588      0.115       49.504
   3.282            1      5589      0.009       49.513
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                        GPA FOR 1ST CREDENTL
GPA1         FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
   3.285             2      5591     0.018       49.530
   3.286             1      5592     0.009       49.539
    3.29            20      5612     0.177       49.717
   3.292             1      5613     0.009       49.725
   3.293             1      5614     0.009       49.734
   3.295             1      5615     0.009       49.743
     3.3            23      5638     0.204       49.947
   3.304             1      5639     0.009       49.956
   3.306             4      5643     0.035       49.991
   3.309             1      5644     0.009       50.000
    3.31            22      5666     0.195       50.195
   3.315             1      5667     0.009       50.204
   3.317             1      5668     0.009       50.213
   3.318             1      5669     0.009       50.221
    3.32            21      5690     0.186       50.408
   3.323             3      5693     0.027       50.434
   3.325             1      5694     0.009       50.443
   3.327             1      5695     0.009       50.452
   3.329             1      5696     0.009       50.461
    3.33            27      5723     0.239       50.700
   3.332             1      5724     0.009       50.709
   3.333             6      5730     0.053       50.762
   3.338             2      5732     0.018       50.780
    3.34            13      5745     0.115       50.895
   3.348             1      5746     0.009       50.904
    3.35             8      5754     0.071       50.974
   3.351             1      5755     0.009       50.983
   3.353             3      5758     0.027       51.010
   3.354             1      5759     0.009       51.019
    3.36            15      5774     0.133       51.152
   3.361             1      5775     0.009       51.161
   3.364             2      5777     0.018       51.178
   3.368             2      5779     0.018       51.196
    3.37             8      5787     0.071       51.267
   3.375             1      5788     0.009       51.276
   3.376             1      5789     0.009       51.285
    3.38            12      5801     0.106       51.391
   3.381             2      5803     0.018       51.409
   3.383             3      5806     0.027       51.435
   3.384             1      5807     0.009       51.444
   3.385             2      5809     0.018       51.462
   3.387             1      5810     0.009       51.471
   3.388             2      5812     0.018       51.488
   3.389             1      5813     0.009       51.497
    3.39             2      5815     0.018       51.515
   3.391             2      5817     0.018       51.533
   3.395             1      5818     0.009       51.541
   3.398             1      5819     0.009       51.550
     3.4            24      5843     0.213       51.763
   3.405             2      5845     0.018       51.781
   3.407             1      5846     0.009       51.790
   3.408             1      5847     0.009       51.798
    3.41            11      5858     0.097       51.896
   3.411             1      5859     0.009       51.905
   3.413             1      5860     0.009       51.914
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                         GPA FOR 1ST CREDENTL
GPA1         FREQUENCY    CUM FREQ    PERCENT    CUM PERCENT
   3.415          2         5862        0.018        51.931
    3.42          7         5869        0.062        51.993
   3.421          1         5870        0.009        52.002
   3.424          1         5871        0.009        52.011
   3.429          3         5874        0.027        52.038
    3.43         10         5884        0.089        52.126
   3.433          1         5885        0.009        52.135
   3.437          1         5886        0.009        52.144
   3.438          1         5887        0.009        52.153
    3.44         15         5902        0.133        52.286
   3.443          1         5903        0.009        52.294
   3.444          1         5904        0.009        52.303
    3.45          9         5913        0.080        52.383
   3.452          1         5914        0.009        52.392
   3.453          2         5916        0.018        52.410
   3.454          1         5917        0.009        52.418
   3.459          1         5918        0.009        52.427
    3.46          8         5926        0.071        52.498
    3.47          4         5930        0.035        52.534
   3.478          1         5931        0.009        52.543
    3.48         11         5942        0.097        52.640
   3.489          1         5943        0.009        52.649
    3.49          5         5948        0.044        52.693
   3.492          1         5949        0.009        52.702
   3.497          1         5950        0.009        52.711
     3.5         51         6001        0.452        53.163
   3.508          1         6002        0.009        53.172
    3.51          8         6010        0.071        53.242
   3.511          1         6011        0.009        53.251
    3.52          7         6018        0.062        53.313
   3.521          2         6020        0.018        53.331
   3.524          1         6021        0.009        53.340
    3.53          7         6028        0.062        53.402
   3.533          1         6029        0.009        53.411
   3.536          1         6030        0.009        53.420
   3.537          1         6031        0.009        53.428
   3.538          1         6032        0.009        53.437
    3.54          9         6041        0.080        53.517
   3.541          2         6043        0.018        53.535
   3.542          2         6045        0.018        53.552
    3.55         10         6055        0.089        53.641
   3.556          1         6056        0.009        53.650
    3.56          4         6060        0.035        53.685
   3.563          1         6061        0.009        53.694
   3.568          1         6062        0.009        53.703
    3.57         10         6072        0.089        53.792
   3.571          3         6075        0.027        53.818
   3.572          1         6076        0.009        53.827
   3.573          1         6077        0.009        53.836
   3.575          1         6078        0.009        53.845
   3.576          1         6079        0.009        53.854
   3.577          1         6080        0.009        53.863
    3.58          9         6089        0.080        53.942
    3.59         13         6102        0.115        54.057
   3.594          1         6103        0.009        54.066
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                GPA FOR 1ST CREDENTL
GPA1      FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
   3.597          1      6104     0.009       54.075
     3.6         15      6119     0.133       54.208
   3.601          1      6120     0.009       54.217
   3.602          1      6121     0.009       54.226
   3.603          1      6122     0.009       54.235
    3.61          7      6129     0.062       54.297
   3.613          1      6130     0.009       54.305
   3.615          1      6131     0.009       54.314
   3.616          2      6133     0.018       54.332
   3.617          1      6134     0.009       54.341
   3.618          1      6135     0.009       54.350
    3.62          5      6140     0.044       54.394
   3.622          1      6141     0.009       54.403
   3.625          1      6142     0.009       54.412
   3.627          1      6143     0.009       54.421
    3.63          6      6149     0.053       54.474
   3.638          1      6150     0.009       54.483
    3.64          9      6159     0.080       54.562
   3.646          1      6160     0.009       54.571
    3.65          7      6167     0.062       54.633
    3.66         11      6178     0.097       54.731
   3.661          1      6179     0.009       54.740
   3.663          1      6180     0.009       54.748
   3.667          1      6181     0.009       54.757
    3.67         13      6194     0.115       54.872
   3.671          1      6195     0.009       54.881
   3.672          1      6196     0.009       54.890
   3.676          1      6197     0.009       54.899
    3.68          5      6202     0.044       54.943
    3.69          9      6211     0.080       55.023
   3.691          1      6212     0.009       55.032
   3.693          1      6213     0.009       55.041
     3.7         17      6230     0.151       55.191
    3.71          6      6236     0.053       55.245
   3.714          2      6238     0.018       55.262
   3.717          1      6239     0.009       55.271
    3.72          9      6248     0.080       55.351
   3.727          2      6250     0.018       55.369
    3.73         11      6261     0.097       55.466
   3.734          2      6263     0.018       55.484
    3.74          3      6266     0.027       55.510
   3.742          1      6267     0.009       55.519
    3.75         12      6279     0.106       55.625
   3.758          1      6280     0.009       55.634
    3.76          7      6287     0.062       55.696
   3.763          1      6288     0.009       55.705
   3.766          1      6289     0.009       55.714
   3.769          1      6290     0.009       55.723
    3.77          5      6295     0.044       55.767
   3.771          1      6296     0.009       55.776
   3.772          1      6297     0.009       55.785
    3.78          6      6303     0.053       55.838
   3.785          1      6304     0.009       55.847
    3.79          6      6310     0.053       55.900
   3.793          1      6311     0.009       55.909
```

```
                          GPA FOR 1ST CREDENTL
GPA1          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
     3.8             15      6326      0.133       56.042
   3.802              1      6327      0.009       56.051
   3.805              1      6328      0.009       56.060
   3.809              1      6329      0.009       56.068
    3.81              5      6334      0.044       56.113
    3.82              5      6339      0.044       56.157
   3.822              1      6340      0.009       56.166
   3.823              1      6341      0.009       56.175
    3.83             13      6354      0.115       56.290
   3.831              1      6355      0.009       56.299
   3.838              1      6356      0.009       56.308
    3.84              5      6361      0.044       56.352
   3.849              1      6362      0.009       56.361
    3.85              4      6366      0.035       56.396
   3.854              1      6367      0.009       56.405
    3.86              2      6369      0.018       56.423
    3.87              2      6371      0.018       56.440
   3.875              1      6372      0.009       56.449
   3.879              1      6373      0.009       56.458
    3.88              5      6378      0.044       56.502
   3.889              1      6379      0.009       56.511
    3.89              4      6383      0.035       56.547
     3.9              6      6389      0.053       56.600
   3.903              1      6390      0.009       56.609
   3.907              1      6391      0.009       56.618
   3.908              1      6392      0.009       56.627
   3.909              1      6393      0.009       56.635
    3.91              4      6397      0.035       56.671
    3.92              3      6400      0.027       56.697
   3.926              1      6401      0.009       56.706
    3.93              2      6403      0.018       56.724
   3.936              2      6405      0.018       56.742
    3.94              2      6407      0.018       56.759
   3.944              1      6408      0.009       56.768
    3.95              6      6414      0.053       56.821
   3.959              1      6415      0.009       56.830
    3.96              5      6420      0.044       56.875
    3.97              2      6422      0.018       56.892
    3.98              2      6424      0.018       56.910
   3.985              1      6425      0.009       56.919
       4            171      6596      1.515       58.434
    4.14              1      6597      0.009       58.443
   4.143              1      6598      0.009       58.451
    4.15              2      6600      0.018       58.469
    4.17              1      6601      0.009       58.478
   4.246              1      6602      0.009       58.487
    4.29              1      6603      0.009       58.496
    4.31              1      6604      0.009       58.505
    4.32              2      6606      0.018       58.522
   4.327              1      6607      0.009       58.531
    4.33              1      6608      0.009       58.540
    4.35              1      6609      0.009       58.549
    4.36              1      6610      0.009       58.558
    4.39              1      6611      0.009       58.567
   4.397              2      6613      0.018       58.584
```

```
                  GPA FOR 1ST CREDENTL
GPA1       FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
    4.4            1      6614     0.009       58.593
   4.41            1      6615     0.009       58.602
   4.43            1      6616     0.009       58.611
  4.433            1      6617     0.009       58.620
   4.45            1      6618     0.009       58.629
  4.458            1      6619     0.009       58.637
   4.52            1      6620     0.009       58.646
  4.603            1      6621     0.009       58.655
   4.64            2      6623     0.018       58.673
   4.72            1      6624     0.009       58.682
  4.729            1      6625     0.009       58.691
   4.73            1      6626     0.009       58.700
  4.776            1      6627     0.009       58.708
   4.78            1      6628     0.009       58.717
  4.785            1      6629     0.009       58.726
   4.81            1      6630     0.009       58.735
   4.84            1      6631     0.009       58.744
   4.86            1      6632     0.009       58.753
   4.89            1      6633     0.009       58.762
   4.98            1      6634     0.009       58.770
  4.991            1      6635     0.009       58.779
      5            1      6636     0.009       58.788
   5.13            1      6637     0.009       58.797
   5.22            1      6638     0.009       58.806
   5.59            1      6639     0.009       58.815
   5.75            1      6640     0.009       58.824
   5.88            1      6641     0.009       58.832
      6            1      6642     0.009       58.841
   69.5            1      6643     0.009       58.850
   78.6            1      6644     0.009       58.859
     79            1      6645     0.009       58.868
   80.6            1      6646     0.009       58.877
     82            1      6647     0.009       58.886
   83.8            1      6648     0.009       58.894
     84            1      6649     0.009       58.903
     86            1      6650     0.009       58.912
   87.5            1      6651     0.009       58.921
     88            1      6652     0.009       58.930
   88.5            1      6653     0.009       58.939
     91            1      6654     0.009       58.948
   93.1            1      6655     0.009       58.956
   93.2            1      6656     0.009       58.965
   94.5            1      6657     0.009       58.974
   95.3            1      6658     0.009       58.983
    100            1      6659     0.009       58.992
999.999         4629     11288    41.008      100.000
```

```
                   GPA FOR 2ND CREDENTL
GPA2        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

      0             1         1      0.009        0.009
  1.803             1         2      0.009        0.018
   2.25             1         3      0.009        0.027
   2.26             1         4      0.009        0.035
    2.3             1         5      0.009        0.044
  2.343             1         6      0.009        0.053
  2.439             1         7      0.009        0.062
   2.44             1         8      0.009        0.071
   2.45             1         9      0.009        0.080
   2.54             1        10      0.009        0.089
  2.647             1        11      0.009        0.097
  2.759             1        12      0.009        0.106
   2.81             1        13      0.009        0.115
   2.85             1        14      0.009        0.124
  2.875             1        15      0.009        0.133
   2.92             2        17      0.018        0.151
  2.925             1        18      0.009        0.159
   3.02             1        19      0.009        0.168
   3.15             1        20      0.009        0.177
  3.192             1        21      0.009        0.186
  3.204             1        22      0.009        0.195
  3.221             1        23      0.009        0.204
   3.25             1        24      0.009        0.213
  3.267             1        25      0.009        0.221
   3.29             1        26      0.009        0.230
   3.36             1        27      0.009        0.239
    3.4             1        28      0.009        0.248
   3.41             1        29      0.009        0.257
   3.53             1        30      0.009        0.266
  3.583             1        31      0.009        0.275
   3.71             1        32      0.009        0.283
   3.78             1        33      0.009        0.292
   3.95             1        34      0.009        0.301
999.999         11254     11288     99.699      100.000


                   GPA FOR 3RD CREDENTL
GPA3        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

   2.81             1         1      0.009        0.009
    3.8             1         2      0.009        0.018
999.999         11286     11288     99.982      100.000
```

```
                 MO. RCVD 1ST CREDNTL
DEGMON1     FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

JANUARY            37        37     0.328        0.328
FEBRUARY           23        60     0.204        0.532
MARCH              35        95     0.310        0.842
APRIL              87       182     0.771        1.612
MAY              1061      1243     9.399       11.012
JUNE              358      1601     3.172       14.183
JULY               46      1647     0.408       14.591
AUGUST            140      1787     1.240       15.831
SEPTEMBER          28      1815     0.248       16.079
OCTOBER            10      1825     0.089       16.168
NOVEMBER           14      1839     0.124       16.292
DECEMBER          137      1976     1.214       17.505
MISSING          9312     11288    82.495      100.000


                 MO. RCVD 2ND CREDNTL
 DEGMON2    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

 JANUARY            4         4     0.035        0.035
 FEBRUARY           3         7     0.027        0.062
 APRIL              3        10     0.027        0.089
 MAY               23        33     0.204        0.292
 JUNE              10        43     0.089        0.381
 JULY               1        44     0.009        0.390
 AUGUST             3        47     0.027        0.416
 OCTOBER            1        48     0.009        0.425
 DECEMBER           1        49     0.009        0.434
 MISSING        11239     11288    99.566      100.000


                 MO. RCVD 3RD CREDNTL
  DEGMON3   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

  JUNE              1         1     0.009        0.009
  OCTOBER           1         2     0.009        0.018
  MISSING       11286     11288    99.982      100.000


                 YR. RCVD 1ST CREDNTL
  DEGYR1    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

  1980             23        23     0.204        0.204
  1981             83       106     0.735        0.939
  1982            432       538     3.827        4.766
  1983            345       883     3.056        7.822
  1984           1116      1999     9.887       17.709
  MISSING        9289     11288    82.291      100.000
```

```
                YR. RCVD 2ND CREDNTL
DEGYR2     FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

1982               5         5     0.044        0.044
1983              12        17     0.106        0.151
1984              32        49     0.283        0.434
MISSING        11239     11288    99.566      100.000


                YR  RCVD 3RD CREDNTL
DEGYR3     FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

1983               2         2     0.018        0.018
MISSING        11286     11288    99.982      100.000
```

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                TRANSCRIPT-LEVEL FILE FREQUENCIES                10:32 THURSDAY, AUGUST 15, 1985  314

                          CIP CODE 1ST MAJOR
        MAJCIP1     FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT

          10101         14          14        0.124         0.124
          10102          2          16        0.018         0.142
          10103          2          18        0.018         0.159
          10104          4          22        0.035         0.195
          10201          2          24        0.018         0.213
          10203          1          25        0.009         0.221
          10299          1          26        0.009         0.230
          10302          1          27        0.009         0.239
          10601          2          29        0.018         0.257
          10605          3          32        0.027         0.283
          19999          1          33        0.009         0.292
          20101         10          43        0.089         0.381
          20201         11          54        0.097         0.478
          20205          2          56        0.018         0.496
          20299          1          57        0.009         0.505
          20301          1          58        0.009         0.514
          20302          1          59        0.009         0.523
          20401          2          61        0.018         0.540
          20402          3          64        0.027         0.567
          20409          1          65        0.009         0.576
          29999          1          66        0.009         0.585
          30101          2          68        0.018         0.602
          30302          1          69        0.009         0.611
          30501          1          70        0.009         0.620
          30504          1          71        0.009         0.629
          39999          2          73        0.018         0.647
          40101          5          78        0.044         0.691
          40201         12          90        0.106         0.797
          40401          2          92        0.018         0.815
          40501          5          97        0.044         0.859
          40601          2          99        0.018         0.877
          49999          2         101        0.018         0.895
          50102          2         103        0.018         0.912
          50104          2         105        0.018         0.930
          50107          1         106        0.009         0.939
          50113          1         107        0.009         0.948
          50114          1         108        0.009         0.957
          50199          1         109        0.009         0.966
          50201          1         110        0.009         0.974
          60101         97         207        0.859         1.834
          60201        185         392        1.639         3.473
          60301         44         436        0.390         3.863
          60401        290         726        2.569         6.432
          60402          1         727        0.009         6.440
          60499          5         732        0.044         6.485
          60501          3         735        0.027         6.511
          60701          6         741        0.053         6.564
          60702          1         742        0.009         6.573
          60704          1         743        0.009         6.582
          60705          3         746        0.027         6.609
          60799          8         754        0.071         6.680
          60801          3         757        0.027         6.706
          60901          4         761        0.035         6.742
          61101          2         763        0.018         6.759
```

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                  CIP CODE 1ST MAJOR
MAJCIP1    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
  61201           11       774     0.097        6.857
  61302            2       776     0.018        6.875
  61399            3       779     0.027        6.901
  61401           24       803     0.213        7.114
  61601            1       804     0.009        7.123
  61701            2       806     0.018        7.140
  61799            1       807     0.009        7.149
  69999            4       811     0.035        7.185
  70101            4       815     0.035        7.220
  70102            2       817     0.018        7.238
  70103            3       820     0.027        7.264
  70104            2       822     0.018        7.282
  70301           13       835     0.115        7.397
  70302            6       841     0.053        7.450
  70303            4       845     0.035        7.486
  70305            3       848     0.027        7.512
  70401            5       853     0.044        7.557
  70601           28       881     0.248        7.805
  70602            4       885     0.035        7.840
  70603           19       904     0.168        8.009
  70604           18       922     0.159        8.168
  70605           13       935     0.115        8.283
  70606           22       957     0.195        8.478
  70607            5       962     0.044        8.522
  70608            7       969     0.062        8.584
  70699            4       973     0.035        8.620
  70701            8       981     0.071        8.691
  70702           11       992     0.097        8.788
  70705            4       996     0.035        8.824
  70799            4      1000     0.035        8.859
  79999            5      1005     0.044        8.903
  80101            1      1006     0.009        8.912
  80102           24      1030     0.213        9.125
  80201            5      1035     0.044        9.169
  80301            1      1036     0.009        9.178
  80401            2      1038     0.018        9.196
  80604            1      1039     0.009        9.204
  80705            7      1046     0.062        9.266
  80706            1      1047     0.009        9.275
  80799           39      1086     0.345        9.621
  80901            2      1088     0.018        9.639
  80902            1      1089     0.009        9.647
  81101            7      1096     0.062        9.709
  81104            1      1097     0.009        9.718
  81105            3      1100     0.027        9.745
  81199            1      1101     0.009        9.754
  81203            2      1103     0.018        9.771
  89999            3      1106     0.027        9.798
  90101           38      1144     0.337       10.135
  90201            8      1152     0.071       10.206
  90401           50      1202     0.443       10.648
  90501            1      1203     0.009       10.657
  90601            4      1207     0.035       10.693
  90701           12      1219     0.106       10.799
  99999            9      1228     0.080       10.879
```

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                        CIP CODE 1ST MAJOR
MAJCIP1   FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
 100101           3       1231      0.027        10.905
 100103           2       1233      0.018        10.923
 100104           4       1237      0.035        10.959
 110101          87       1324      0.771        11.729
 110201          17       1341      0.151        11.880
 110301          61       1402      0.540        12.420
 110401           7       1409      0.062        12.482
 110501           3       1412      0.027        12.509
 119999           4       1416      0.035        12.544
 120402           1       1417      0.009        12.553
 120403          32       1449      0.283        12.837
 130101          44       1493      0.390        13.226
 130201           1       1494      0.009        13.235
 130801           1       1495      0.009        13.244
 131001           7       1502      0.062        13.306
 131006           1       1503      0.009        13.315
 131007           1       1504      0.009        13.324
 131011           2       1506      0.018        13.342
 131099           4       1510      0.035        13.377
 131201           3       1513      0.027        13.404
 131202          58       1571      0.514        13.917
 131204          12       1583      0.106        14.024
 131205           5       1588      0.044        14.068
 131299           2       1590      0.018        14.086
 131302           1       1591      0.009        14.095
 131303           5       1596      0.044        14.139
 131305           3       1599      0.027        14.165
 131307           2       1601      0.018        14.183
 131308           3       1604      0.027        14.210
 131309           3       1607      0.027        14.236
 131312           9       1616      0.080        14.316
 131314          27       1643      0.239        14.555
 131315           1       1644      0.009        14.564
 131317           1       1645      0.009        14.573
 131318           2       1647      0.018        14.591
 131320           1       1648      0.009        14.600
 131399           7       1655      0.062        14.662
 139999           2       1657      0.018        14.679
 140101          57       1714      0.505        15.184
 140201           9       1723      0.080        15.264
 140301           1       1724      0.009        15.273
 140401           1       1725      0.009        15.282
 140501           4       1729      0.035        15.317
 140701          17       1746      0.151        15.468
 140801          22       1768      0.195        15.663
 140901           5       1773      0.044        15.707
 141001          44       1817      0.390        16.097
 141101           2       1819      0.018        16.114
 141301           6       1825      0.053        16.168
 141401           1       1826      0.009        16.176
 141501           2       1828      0.018        16.194
 141701           5       1833      0.044        16.238
 141801           1       1834      0.009        16.247
 141901          35       1869      0.310        16.557
 142201           1       1870      0.009        16.566
```

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                       CIP CODE 1ST MAJOR
MAJCIP1     FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
 142301             1       1871      0.009        16.575
 142401             1       1872      0.009        16.584
 142501             1       1873      0.009        16.593
 142701             1       1874      0.009        16.602
 149999             7       1881      0.062        16.664
 150101             9       1890      0.080        16.743
 150102             1       1891      0.009        16.752
 150199             2       1893      0.018        16.770
 150201             2       1895      0.018        16.788
 150202            15       1910      0.133        16.921
 150301             5       1915      0.044        16.965
 150302            28       1943      0.248        17.213
 150303            38       1981      0.337        17.550
 150399             8       1989      0.071        17.620
 150402             1       1990      0.009        17.629
 150403             3       1993      0.027        17.656
 150501             4       1997      0.035        17.691
 150503             1       1998      0.009        17.700
 150603             6       2004      0.053        17.753
 150606             3       2007      0.027        17.780
 150610            11       2018      0.097        17.877
 150702             1       2019      0.009        17.886
 150801             2       2021      0.018        17.904
 150803            11       2032      0.097        18.001
 150805             4       2036      0.035        18.037
 150899             4       2040      0.035        18.072
 150903             1       2041      0.009        18.081
 159999             7       2048      0.062        18.143
 160302             1       2049      0.009        18.152
 160502             1       2050      0.009        18.161
 160901            11       2061      0.097        18.258
 160902             1       2062      0.009        18.267
 160905             4       2066      0.035        18.303
 170101            13       2079      0.115        18.418
 170102             8       2087      0.071        18.489
 170103             3       2090      0.027        18.515
 170205             2       2092      0.018        18.533
 170206             2       2094      0.018        18.551
 170209             5       2099      0.044        18.595
 170210             2       2101      0.018        18.613
 170211             2       2103      0.018        18.630
 170299             1       2104      0.009        18.639
 170303             1       2105      0.009        18.648
 170309             4       2109      0.035        18.684
 170310             7       2116      0.062        18.746
 170402             2       2118      0.018        18.763
 170405             2       2120      0.018        18.781
 170408             1       2121      0.009        18.790
 170499             2       2123      0.018        18.808
 170503            19       2142      0.168        18.976
 170506             3       2145      0.027        19.002
 170602             7       2152      0.062        19.064
 170605            18       2170      0.159        19.224
 170699             1       2171      0.009        19.233
 170806             1       2172      0.009        19.242
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                       CIP CODE 1ST MAJOR
MAJCIP1     FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
 170807             4       2176      0.035        19.277
 170813             1       2177      0.009        19.286
 170814             1       2178      0.009        19.295
 170815             3       2181      0.027        19.321
 170818             3       2184      0.027        19.348
 179999             4       2188      0.035        19.383
 180102             4       2192      0.035        19.419
 180199             1       2193      0.009        19.428
 180202             1       2194      0.009        19.437
 180205             1       2195      0.009        19.445
 180301             2       2197      0.018        19.463
 180401             1       2198      0.009        19.472
 180701             1       2199      0.009        19.481
 180703             1       2200      0.009        19.490
 180799             1       2201      0.009        19.499
 180901             1       2202      0.009        19.507
 181001             4       2206      0.035        19.543
 181025             3       2209      0.027        19.569
 181099             3       2212      0.027        19.596
 181101            96       2308      0.850        20.446
 181105             2       2310      0.018        20.464
 181199             5       2315      0.044        20.509
 181401            10       2325      0.089        20.597
 181701             2       2327      0.018        20.615
 181801             8       2335      0.071        20.686
 181901             1       2336      0.009        20.695
 182001             4       2340      0.035        20.730
 182401             2       2342      0.018        20.748
 189999             1       2343      0.009        20.757
 190101            13       2356      0.115        20.872
 190301             1       2357      0.009        20.881
 190302             1       2358      0.009        20.889
 190501             3       2361      0.027        20.916
 190503             1       2362      0.009        20.925
 190603             1       2363      0.009        20.934
 190701             1       2364      0.009        20.943
 190702             1       2365      0.009        20.951
 190799             1       2366      0.009        20.960
 190901             1       2367      0.009        20.969
 190902             7       2374      0.062        21.031
 200102             6       2380      0.053        21.084
 200103             1       2381      0.009        21.093
 200108             1       2382      0.009        21.102
 200201             4       2386      0.035        21.137
 200301             1       2387      0.009        21.146
 200401             5       2392      0.044        21.191
 200403             1       2393      0.009        21.200
 200405             1       2394      0.009        21.208
 200406             1       2395      0.009        21.217
 209999             4       2399      0.035        21.253
 210102             1       2400      0.009        21.262
 210103             3       2403      0.027        21.288
 210104             8       2411      0.071        21.359
 210106             1       2412      0.009        21.368
 220102             4       2416      0.035        21.403
```

```
                CIP CODE 1ST MAJOR
MAJCIP1    FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
 220103            4      2420      0.035       21.439
 220199            2      2422      0.018       21.456
 230101           43      2465      0.381       21.837
 230201            3      2468      0.027       21.864
 230301            2      2470      0.018       21.882
 230801            2      2472      0.018       21.899
 231001           14      2486      0.124       22.023
 239999            7      2493      0.062       22.085
 240101          271      2764      2.401       24.486
 240199            5      2769      0.044       24.530
 250401            1      2770      0.009       24.539
 259999            1      2771      0.009       24.548
 260101           78      2849      0.691       25.239
 260201            8      2857      0.071       25.310
 260301            1      2858      0.009       25.319
 260302            1      2859      0.009       25.328
 260402            1      2860      0.009       25.337
 260501            9      2869      0.080       25.416
 260609            1      2870      0.009       25.425
 260612            1      2871      0.009       25.434
 260701            4      2875      0.035       25.470
 260706            1      2876      0.009       25.478
 269999            5      2881      0.044       25.523
 270101           24      2905      0.213       25.735
 270201            1      2906      0.009       25.744
 270301            2      2908      0.018       25.762
 279999            6      2914      0.053       25.815
 280101            1      2915      0.009       25.824
 300101           14      2929      0.124       25.948
 300201            1      2930      0.009       25.957
 300301            4      2934      0.035       25.992
 300401           11      2945      0.097       26.090
 300701            2      2947      0.018       26.107
 309999           32      2979      0.283       26.391
 310101            3      2982      0.027       26.417
 310301            2      2984      0.018       26.435
 320102            1      2985      0.009       26.444
 320105            1      2986      0.009       26.453
 360101            4      2990      0.035       26.488
 360108            5      2995      0.044       26.533
 360109            1      2996      0.009       26.541
 380101            5      3001      0.044       26.586
 380201            5      3006      0.044       26.630
 390201            1      3007      0.009       26.639
 390501            2      3009      0.018       26.657
 390601            1      3010      0.009       26.665
 400101            2      3012      0.018       26.683
 400401            1      3013      0.009       26.692
 400501           33      3046      0.292       26.984
 400601            6      3052      0.053       27.038
 400699            1      3053      0.009       27.046
 400801           15      3068      0.133       27.179
 410204            2      3070      0.018       27.197
 410301            1      3071      0.009       27.206
 419999            1      3072      0.009       27.215
```

```
                   CIP CODE 1ST MAJOR
MAJCIP1     FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
 420101        89        3161       0.788       28.003
 420601         1        3162       0.009       28.012
 420701         1        3163       0.009       28.021
 421001         8        3171       0.071       28.092
 421601         1        3172       0.009       28.101
 430101         1        3173       0.009       28.109
 430102         2        3175       0.018       28.127
 430103         4        3179       0.035       28.163
 430104        19        3198       0.168       28.331
 430105         1        3199       0.009       28.340
 430107        12        3211       0.106       28.446
 430108         1        3212       0.009       28.455
 430199         4        3216       0.035       28.490
 430299         1        3217       0.009       28.499
 440101         3        3220       0.027       28.526
 440201         1        3221       0.009       28.535
 440401         8        3229       0.071       28.606
 440501         1        3230       0.009       28.614
 440701        23        3253       0.204       28.818
 450101         7        3260       0.062       28.880
 450201         6        3266       0.053       28.933
 450301         1        3267       0.009       28.942
 450401         1        3268       0.009       28.951
 450601        52        3320       0.461       29.412
 450701        12        3332       0.106       29.518
 450801        33        3365       0.292       29.810
 450901         9        3374       0.080       29.890
 451001        78        3452       0.691       30.581
 451101        23        3475       0.204       30.785
 451201         3        3478       0.027       30.811
 459999         3        3481       0.027       30.838
 460201         3        3484       0.027       30.865
 460302         4        3488       0.035       30.900
 460401         1        3489       0.009       30.909
 460410         1        3490       0.009       30.918
 460503         1        3491       0.009       30.927
 469999         1        3492       0.009       30.936
 470101         1        3493       0.009       30.944
 470103         1        3494       0.009       30.953
 470105         1        3495       0.009       30.962
 470201         2        3497       0.018       30.980
 470202         2        3499       0.018       30.998
 470203         2        3501       0.018       31.015
 470301         1        3502       0.009       31.024
 470404         1        3503       0.009       31.033
 470601         1        3504       0.009       31.042
 470602         4        3508       0.035       31.077
 470603         3        3511       0.027       31.104
 470604        12        3523       0.106       31.210
 470605        10        3533       0.089       31.299
 470606         1        3534       0.009       31.308
 470699         5        3539       0.044       31.352
 480101         8        3547       0.071       31.423
 480102         5        3552       0.044       31.467
 480105         3        3555       0.027       31.494
```

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                  CIP CODE 1ST MAJOR
MAJCIP1    FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
 480199            1      3556      0.009       31.502
 480201            1      3557      0.009       31.511
 480203            6      3563      0.053       31.564
 480206            1      3564      0.009       31.573
 480299            2      3566      0.018       31.591
 480503            3      3569      0.027       31.618
 480507            1      3570      0.009       31.627
 480508            9      3579      0.080       31.706
 490101            1      3580      0.009       31.715
 490102            7      3587      0.062       31.777
 490103            1      3588      0.009       31.786
 490104            4      3592      0.035       31.821
 490106            1      3593      0.009       31.830
 490199            4      3597      0.035       31.866
 490205            1      3598      0.009       31.875
 490301            1      3599      0.009       31.883
 490304            1      3600      0.009       31.892
 499999            1      3601      0.009       31.901
 500101            5      3606      0.044       31.945
 500301            2      3608      0.018       31.963
 500401            2      3610      0.018       31.981
 500402            1      3611      0.009       31.990
 500403            3      3614      0.027       32.016
 500404            1      3615      0.009       32.025
 500499            9      3624      0.080       32.105
 500501           19      3643      0.168       32.273
 500601            1      3644      0.009       32.282
 500605            1      3645      0.009       32.291
 500701           37      3682      0.328       32.619
 500702            1      3683      0.009       32.628
 500703            3      3686      0.027       32.654
 500705            2      3688      0.018       32.672
 500707            1      3689      0.009       32.681
 500708            1      3690      0.009       32.690
 500799            3      3693      0.027       32.716
 500801            2      3695      0.018       32.734
 500901           16      3711      0.142       32.876
 500903            6      3717      0.053       32.929
 500904            1      3718      0.009       32.938
 500999            3      3721      0.027       32.964
 509999            4      3725      0.035       33.000
 999999         7563     11288     67.000      100.000
```

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                    TRANSCRIPT-LEVEL FILE FREQUENCIES             10:32 THURSDAY, AUGUST 15, 1985  322

                          CIP CODE 2ND MAJOR
   MAJCIP2    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

     10199           1          1     0.009        0.009
     10302           1          2     0.009        0.018
     60101           1          3     0.009        0.027
     60201           1          4     0.009        0.035
     60301           1          5     0.009        0.044
     60401           9         14     0.080        0.124
     60499           1         15     0.009        0.133
     61201           1         16     0.009        0.142
     61401           1         17     0.009        0.151
     70299           1         18     0.009        0.159
     70303           1         19     0.009        0.168
     70401           1         20     0.009        0.177
     70603           1         21     0.009        0.186
     70608           1         22     0.009        0.195
     70701           1         23     0.009        0.204
     70707           1         24     0.009        0.213
     80401           1         25     0.009        0.221
     80799           4         29     0.035        0.257
     90401           2         31     0.018        0.275
     90501           1         32     0.009        0.283
    110101           3         35     0.027        0.310
    110301           1         36     0.009        0.319
    110401           1         37     0.009        0.328
    131204           2         39     0.018        0.345
    131301           1         40     0.009        0.354
    131303           1         41     0.009        0.363
    131307           1         42     0.009        0.372
    131314           1         43     0.009        0.381
    131315           1         44     0.009        0.390
    140701           1         45     0.009        0.399
    141001           4         49     0.035        0.434
    141701           1         50     0.009        0.443
    141901           1         51     0.009        0.452
    142501           1         52     0.009        0.461
    150201           1         53     0.009        0.470
    150302           1         54     0.009        0.478
    150303           2         56     0.018        0.496
    150399           1         57     0.009        0.505
    159999           1         58     0.009        0.514
    160905           1         59     0.009        0.523
    170503           2         61     0.018        0.540
    181101           1         62     0.009        0.549
    181801           1         63     0.009        0.558
    200102           2         65     0.018        0.576
    220101           1         66     0.009        0.585
    230101           2         68     0.018        0.602
    231001           1         69     0.009        0.611
    240101           4         73     0.035        0.647
    260101           3         76     0.027        0.673
    260401           1         77     0.009        0.682
    270101           5         82     0.044        0.726
    279999           2         84     0.018        0.744
    300101           1         85     0.009        0.753
    309999           2         87     0.018        0.771
```

```
                  CIP CODE 2ND MAJOR
MAJCIP2   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
 380101           3        90     0.027        0.797
 400101           1        91     0.009        0.806
 400601           3        94     0.027        0.833
 400703           1        95     0.009        0.842
 420101          13       108     0.115        0.957
 430104           1       109     0.009        0.966
 440101           1       110     0.009        0.974
 440701           1       111     0.009        0.983
 450101           2       113     0.018        1.001
 450601           8       121     0.071        1.072
 450801           5       126     0.044        1.116
 450901           2       128     0.018        1.134
 451001          17       145     0.151        1.285
 451101           8       153     0.071        1.355
 451201           2       155     0.018        1.373
 480103           1       156     0.009        1.382
 480105           1       157     0.009        1.391
 480299           1       158     0.009        1.400
 490106           1       159     0.009        1.409
 500301           1       160     0.009        1.417
 500501           2       162     0.018        1.435
 500701           3       165     0.027        1.462
 500901           1       166     0.009        1.471
 999999       11122     11288    98.529      100.000


                  CIP CODE 3RD MAJOR
MAJCIP3   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

  60301           1         1     0.009        0.009
  80705           1         2     0.009        0.018
  90501           1         3     0.009        0.027
 141901           1         4     0.009        0.035
 231001           1         5     0.009        0.044
 240101           1         6     0.009        0.053
 270101           1         7     0.009        0.062
 420101           1         8     0.009        0.071
 451001           2        10     0.018        0.089
 999999       11278     11288    99.911      100.000
```

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                  CIP CODE 1ST MINOR
MINCIP1    FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

  50102          1          1       0.009        0.009
  50107          1          2       0.009        0.018
  59999          1          3       0.009        0.027
  60101          4          7       0.035        0.062
  60201          4         11       0.035        0.097
  60301          1         12       0.009        0.106
  60401         13         25       0.115        0.221
  60499          1         26       0.009        0.230
  60501          1         27       0.009        0.239
  61701          1         28       0.009        0.248
  70606          1         29       0.009        0.257
  80705          1         30       0.009        0.266
  80799          3         33       0.027        0.292
  90101          2         35       0.018        0.310
  90401          2         37       0.018        0.328
  90701          1         38       0.009        0.337
  99999          1         39       0.009        0.345
 110101          9         48       0.080        0.425
 110201          1         49       0.009        0.434
 110301          3         52       0.027        0.461
 110401          1         53       0.009        0.470
 131202          1         54       0.009        0.478
 131204          1         55       0.009        0.487
 131302          2         57       0.018        0.505
 131304          1         58       0.009        0.514
 131306          2         60       0.018        0.532
 131307          1         61       0.009        0.540
 131314          3         64       0.027        0.567
 131315          2         66       0.018        0.585
 131318          1         67       0.009        0.594
 140101          1         68       0.009        0.602
 140901          1         69       0.009        0.611
 150610          1         70       0.009        0.620
 159999          1         71       0.009        0.629
 160501          1         72       0.009        0.638
 160901          4         76       0.035        0.673
 160905          6         82       0.053        0.726
 200102          1         83       0.009        0.735
 210102          1         84       0.009        0.744
 220103          1         85       0.009        0.753
 220199          2         87       0.018        0.771
 230101          5         92       0.044        0.815
 230701          1         93       0.009        0.824
 230801          1         94       0.009        0.833
 239999          1         95       0.009        0.842
 240101          1         96       0.009        0.850
 260101          6        102       0.053        0.904
 270101          9        111       0.080        0.983
 270501          1        112       0.009        0.992
 279999          4        116       0.035        1.028
 280101          1        117       0.009        1.036
 280301          1        118       0.009        1.045
 280401          1        119       0.009        1.054
 309999          1        120       0.009        1.063
```

```
                    CIP CODE 1ST MINOR
MINCIP1    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
 390201            1        121      0.009         1.072
 400501            7        128      0.062         1.134
 400601            1        129      0.009         1.143
 420101            7        136      0.062         1.205
 421601            1        137      0.009         1.214
 440701            2        139      0.018         1.231
 450201            2        141      0.018         1.249
 450601            5        146      0.044         1.293
 450701            1        147      0.009         1.302
 450801            9        156      0.080         1.382
 451001            3        159      0.027         1.409
 451101            5        164      0.044         1.453
 459999            1        165      0.009         1.462
 480203            1        166      0.009         1.471
 490104            1        167      0.009         1.479
 500101            2        169      0.018         1.497
 500501            1        170      0.009         1.506
 500901            3        173      0.027         1.533
 999999        11115      11288     98.467       100.000


                    CIP CODE 2ND MINOR
MINCIP2    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT

  99999            1          1      0.009         0.009
 110101            1          2      0.009         0.018
 131306            1          3      0.009         0.027
 160402            1          4      0.009         0.035
 220199            1          5      0.009         0.044
 260101            1          6      0.009         0.053
 270101            4         10      0.035         0.089
 270501            1         11      0.009         0.097
 300101            1         12      0.009         0.106
 309999            1         13      0.009         0.115
 380201            1         14      0.009         0.124
 400801            1         15      0.009         0.133
 450701            1         16      0.009         0.142
 451101            2         18      0.018         0.159
 999999        11270      11288     99.841       100.000


                    CIP CODE 3RD MINOR
MINCIP3    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT

 999999        11288      11288    100.000       100.000
```

```
                             SYNTHETIC GPA
GENGPA              FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

          0.037             1         1     0.009        0.009
          0.063             1         2     0.009        0.018
          0.065             1         3     0.009        0.027
          0.107             1         4     0.009        0.035
          0.111             1         5     0.009        0.044
          0.143             1         6     0.009        0.053
          0.162             1         7     0.009        0.062
          0.167             2         9     0.018        0.080
          0.169             1        10     0.009        0.089
          0.172             1        11     0.009        0.097
            0.2             5        16     0.044        0.142
          0.231             2        18     0.018        0.159
           0.25             4        22     0.035        0.195
          0.257             1        23     0.009        0.204
          0.259             1        24     0.009        0.213
          0.273             1        25     0.009        0.221
           0.28             1        26     0.009        0.230
            0.3             4        30     0.035        0.266
          0.306             1        31     0.009        0.275
          0.308             3        34     0.027        0.301
          0.313             1        35     0.009        0.310
          0.333            11        46     0.097        0.408
           0.35             1        47     0.009        0.416
          0.353             1        48     0.009        0.425
          0.364             1        49     0.009        0.434
          0.375             2        51     0.018        0.452
          0.379             1        52     0.009        0.461
            0.4             2        54     0.018        0.478
          0.429             3        57     0.027        0.505
          0.435             1        58     0.009        0.514
          0.438             2        60     0.018        0.532
           0.44             1        61     0.009        0.540
          0.444             1        62     0.009        0.549
          0.458             1        63     0.009        0.558
          0.462             1        64     0.009        0.567
          0.471             1        65     0.009        0.576
          0.474             1        66     0.009        0.585
            0.5            24        90     0.213        0.797
          0.508             1        91     0.009        0.806
          0.515             1        92     0.009        0.815
          0.517             1        93     0.009        0.824
          0.522             1        94     0.009        0.833
          0.529             1        95     0.009        0.842
          0.533             1        96     0.009        0.850
          0.536             1        97     0.009        0.859
          0.545             1        98     0.009        0.868
          0.548             1        99     0.009        0.877
          0.552             1       100     0.009        0.886
          0.563             2       102     0.018        0.904
          0.571             4       106     0.035        0.939
          0.577             2       108     0.018        0.957
          0.579             2       110     0.018        0.974
          0.581             1       111     0.009        0.983
          0.583             1       112     0.009        0.992
```

```
                             SYNTHETIC GPA
GENGPA            FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         0.586            1       113      0.009        1.001
         0.588            2       115      0.018        1.019
         0.593            1       116      0.009        1.028
           0.6           12       128      0.106        1.134
         0.605            1       129      0.009        1.143
         0.615            2       131      0.018        1.161
         0.625            3       134      0.027        1.187
          0.63            2       136      0.018        1.205
         0.632            1       137      0.009        1.214
         0.636            2       139      0.018        1.231
          0.64            1       140      0.009        1.240
         0.645            1       141      0.009        1.249
         0.658            1       142      0.009        1.258
         0.659            1       143      0.009        1.267
         0.667           13       156      0.115        1.382
         0.679            1       157      0.009        1.391
         0.688            1       158      0.009        1.400
         0.692            5       163      0.044        1.444
           0.7            4       167      0.035        1.479
         0.706            2       169      0.018        1.497
         0.711            1       170      0.009        1.506
         0.714            2       172      0.018        1.524
         0.717            2       174      0.018        1.541
         0.718            1       175      0.009        1.550
         0.723            1       176      0.009        1.559
         0.725            1       177      0.009        1.568
         0.727            1       178      0.009        1.577
         0.733            1       179      0.009        1.586
         0.739            1       180      0.009        1.595
          0.75            8       188      0.071        1.665
         0.762            1       189      0.009        1.674
         0.769            1       190      0.009        1.683
         0.773            2       192      0.018        1.701
         0.778            1       193      0.009        1.710
         0.789            1       194      0.009        1.719
         0.792            1       195      0.009        1.727
           0.8            8       203      0.071        1.798
         0.808            2       205      0.018        1.816
          0.81            1       206      0.009        1.825
         0.816            1       207      0.009        1.834
         0.818            3       210      0.027        1.860
         0.821            1       211      0.009        1.869
         0.824            1       212      0.009        1.878
         0.829            1       213      0.009        1.887
         0.833            6       219      0.053        1.940
          0.84            1       220      0.009        1.949
         0.842            1       221      0.009        1.958
         0.846            2       223      0.018        1.976
          0.85            1       224      0.009        1.984
         0.857            8       232      0.071        2.055
         0.864            1       233      0.009        2.064
         0.867            1       234      0.009        2.073
         0.872            1       235      0.009        2.082
         0.875            6       241      0.053        2.135
          0.88            2       243      0.018        2.153
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                            SYNTHETIC GPA
GENGPA            FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         0.885        1         244      0.009         2.162
         0.889        4         248      0.035         2.197
         0.893        1         249      0.009         2.206
         0.895        1         250      0.009         2.215
           0.9        2         252      0.018         2.232
         0.909        3         255      0.027         2.259
         0.913        1         256      0.009         2.268
         0.917        1         257      0.009         2.277
         0.921        1         258      0.009         2.286
         0.923        4         262      0.035         2.321
         0.929        1         263      0.009         2.330
          0.93        1         264      0.009         2.339
         0.931        2         266      0.018         2.356
         0.933        1         267      0.009         2.365
         0.938        4         271      0.035         2.401
         0.941        2         273      0.018         2.418
         0.947        1         274      0.009         2.427
          0.95        1         275      0.009         2.436
         0.955        1         276      0.009         2.445
          0.96        2         278      0.018         2.463
         0.962        2         280      0.018         2.481
         0.963        1         281      0.009         2.489
         0.964        1         282      0.009         2.498
         0.967        1         283      0.009         2.507
         0.976        1         284      0.009         2.516
             1       97         381      0.859         3.375
         1.017        1         382      0.009         3.384
         1.028        1         383      0.009         3.393
         1.029        1         384      0.009         3.402
         1.033        1         385      0.009         3.411
         1.034        1         386      0.009         3.420
         1.036        1         387      0.009         3.428
         1.039        1         388      0.009         3.437
          1.04        1         389      0.009         3.446
         1.041        1         390      0.009         3.455
         1.042        1         391      0.009         3.464
         1.045        1         392      0.009         3.473
         1.047        1         393      0.009         3.482
         1.051        1         394      0.009         3.490
         1.054        1         395      0.009         3.499
         1.056        2         397      0.018         3.517
         1.058        1         398      0.009         3.526
         1.059        1         399      0.009         3.535
         1.067        3         402      0.027         3.561
         1.068        1         403      0.009         3.570
         1.071        2         405      0.018         3.588
         1.077        2         407      0.018         3.606
          1.08        1         408      0.009         3.614
         1.083        1         409      0.009         3.623
         1.087        1         410      0.009         3.632
         1.089        1         411      0.009         3.641
         1.091        7         418      0.062         3.703
         1.094        1         419      0.009         3.712
         1.095        1         420      0.009         3.721
           1.1        1         421      0.009         3.730
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                         SYNTHETIC GPA
GENGPA           FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
        1.105            4       425     0.035        3.765
        1.111            2       427     0.018        3.783
        1.118            3       430     0.027        3.809
         1.12            1       431     0.009        3.818
        1.122            2       433     0.018        3.836
        1.125            8       441     0.071        3.907
         1.13            2       443     0.018        3.925
        1.135            1       444     0.009        3.933
        1.136            1       445     0.009        3.942
        1.143            7       452     0.062        4.004
        1.149            1       453     0.009        4.013
        1.154            2       455     0.018        4.031
        1.161            1       456     0.009        4.040
        1.162            1       457     0.009        4.049
        1.167            7       464     0.062        4.111
        1.169            1       465     0.009        4.119
        1.171            1       466     0.009        4.128
        1.172            2       468     0.018        4.146
        1.174            2       470     0.018        4.164
        1.179            3       473     0.027        4.190
         1.18            1       474     0.009        4.199
        1.182            1       475     0.009        4.208
        1.185            1       476     0.009        4.217
        1.187            1       477     0.009        4.226
        1.188            1       478     0.009        4.235
        1.191            1       479     0.009        4.243
        1.192            1       480     0.009        4.252
          1.2            9       489     0.080        4.332
        1.203            1       490     0.009        4.341
        1.206            1       491     0.009        4.350
        1.208            1       492     0.009        4.359
        1.211            2       494     0.018        4.376
        1.212            1       495     0.009        4.385
        1.214            4       499     0.035        4.421
        1.216            1       500     0.009        4.429
        1.217            1       501     0.009        4.438
         1.22            1       502     0.009        4.447
        1.222            4       506     0.035        4.483
        1.224            1       507     0.009        4.491
        1.226            1       508     0.009        4.500
        1.227            1       509     0.009        4.509
        1.231            2       511     0.018        4.527
        1.233            2       513     0.018        4.545
        1.235            3       516     0.027        4.571
        1.238            2       518     0.018        4.589
        1.239            1       519     0.009        4.598
        1.241            1       520     0.009        4.607
        1.242            1       521     0.009        4.616
        1.244            4       525     0.035        4.651
         1.25           18       543     0.159        4.810
        1.259            1       544     0.009        4.819
         1.26            1       545     0.009        4.828
        1.262            1       546     0.009        4.837
        1.263            1       547     0.009        4.846
        1.264            1       548     0.009        4.855
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                              SYNTHETIC GPA
GENGPA           FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          1.265          1       549     0.009        4.864
          1.267          3       552     0.027        4.890
          1.268          2       554     0.018        4.908
          1.269          2       556     0.018        4.926
           1.27          1       557     0.009        4.934
          1.271          1       558     0.009        4.943
          1.273          3       561     0.027        4.970
          1.276          2       563     0.018        4.988
          1.277          1       564     0.009        4.996
          1.278          1       565     0.009        5.005
          1.279          1       566     0.009        5.014
           1.28          1       567     0.009        5.023
          1.283          1       568     0.009        5.032
          1.284          1       569     0.009        5.041
          1.286          7       576     0.062        5.103
          1.289          1       577     0.009        5.112
          1.292          2       579     0.018        5.129
          1.293          1       580     0.009        5.138
          1.294          1       581     0.009        5.147
          1.295          1       582     0.009        5.156
          1.296          1       583     0.009        5.165
            1.3          5       588     0.044        5.209
          1.301          1       589     0.009        5.218
          1.306          1       590     0.009        5.227
          1.308          7       597     0.062        5.289
           1.31          1       598     0.009        5.298
          1.314          1       599     0.009        5.307
          1.316          2       601     0.018        5.324
          1.317          1       602     0.009        5.333
          1.318          1       603     0.009        5.342
           1.32          1       604     0.009        5.351
          1.326          2       606     0.018        5.369
          1.333         29       635     0.257        5.625
          1.337          1       636     0.009        5.634
          1.339          1       637     0.009        5.643
           1.34          2       639     0.018        5.661
          1.341          1       640     0.009        5.670
          1.346          1       641     0.009        5.679
          1.347          2       643     0.018        5.696
           1.35          2       645     0.018        5.714
          1.351          1       646     0.009        5.723
          1.353          1       647     0.009        5.732
          1.357          8       655     0.071        5.803
           1.36          2       657     0.018        5.820
          1.361          1       658     0.009        5.829
          1.363          1       659     0.009        5.838
          1.364          7       666     0.062        5.900
          1.367          1       667     0.009        5.909
          1.368          1       668     0.009        5.918
           1.37          1       669     0.009        5.927
          1.374          1       670     0.009        5.936
          1.375         15       685     0.133        6.068
          1.379          2       687     0.018        6.086
           1.38          2       689     0.018        6.104
          1.382          2       691     0.018        6.122
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                         SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         1.385          6       697     0.053        6.175
         1.387          1       698     0.009        6.184
         1.388          1       699     0.009        6.192
         1.389          2       701     0.018        6.210
         1.391          1       702     0.009        6.219
         1.394          1       703     0.009        6.228
         1.395          2       705     0.018        6.246
         1.397          3       708     0.027        6.272
           1.4         12       720     0.106        6.378
         1.404          1       721     0.009        6.387
         1.405          1       722     0.009        6.396
         1.407          1       723     0.009        6.405
         1.408          1       724     0.009        6.414
         1.409          1       725     0.009        6.423
          1.41          1       726     0.009        6.432
         1.412          4       730     0.035        6.467
         1.414          1       731     0.009        6.476
         1.416          2       733     0.018        6.494
         1.417          1       734     0.009        6.502
          1.42          1       735     0.009        6.511
         1.421          3       738     0.027        6.538
         1.423          3       741     0.027        6.564
         1.424          3       744     0.027        6.591
         1.426          2       746     0.018        6.609
         1.429         11       757     0.097        6.706
         1.431          1       758     0.009        6.715
         1.432          2       760     0.018        6.733
         1.433          1       761     0.009        6.742
         1.434          2       763     0.018        6.759
         1.435          3       766     0.027        6.786
         1.436          1       767     0.009        6.795
         1.439          3       770     0.027        6.821
          1.44          1       771     0.009        6.830
         1.442          2       773     0.018        6.848
         1.443          1       774     0.009        6.857
         1.444          8       782     0.071        6.928
         1.446          1       783     0.009        6.937
         1.449          1       784     0.009        6.945
          1.45          5       789     0.044        6.990
         1.452          2       791     0.018        7.007
         1.455          4       795     0.035        7.043
         1.457          1       796     0.009        7.052
         1.459          2       798     0.018        7.069
         1.462          4       802     0.035        7.105
         1.463          1       803     0.009        7.114
         1.464          2       805     0.018        7.131
         1.467          2       807     0.018        7.149
         1.468          2       809     0.018        7.167
         1.469          3       812     0.027        7.193
         1.471          2       814     0.018        7.211
         1.474          1       815     0.009        7.220
         1.476          2       817     0.018        7.238
         1.478          2       819     0.018        7.255
          1.48          1       820     0.009        7.264
         1.481          1       821     0.009        7.273
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                        SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         1.484          1       822     0.009        7.282
         1.486          4       826     0.035        7.318
         1.487          1       827     0.009        7.326
         1.488          1       828     0.009        7.335
         1.489          2       830     0.018        7.353
         1.492          1       831     0.009        7.362
         1.493          1       832     0.009        7.371
         1.494          1       833     0.009        7.380
           1.5         75       908     0.664        8.044
         1.509          1       909     0.009        8.053
          1.51          1       910     0.009        8.062
         1.511          2       912     0.018        8.079
         1.512          2       914     0.018        8.097
         1.513          2       916     0.018        8.115
         1.514          2       918     0.018        8.133
         1.515          1       919     0.009        8.141
         1.516          1       920     0.009        8.150
         1.517          2       922     0.018        8.168
         1.519          2       924     0.018        8.186
          1.52          2       926     0.018        8.203
         1.522          2       928     0.018        8.221
         1.524          1       929     0.009        8.230
         1.526          2       931     0.018        8.248
         1.528          2       933     0.018        8.265
         1.529          3       936     0.027        8.292
          1.53          1       937     0.009        8.301
         1.532          1       938     0.009        8.310
         1.533          2       940     0.018        8.327
         1.534          1       941     0.009        8.336
         1.535          1       942     0.009        8.345
         1.536          3       945     0.027        8.372
         1.538          8       953     0.071        8.443
          1.54          1       954     0.009        8.451
         1.541          1       955     0.009        8.460
         1.543          3       958     0.027        8.487
         1.544          2       960     0.018        8.505
         1.545          6       966     0.053        8.558
         1.547          2       968     0.018        8.575
          1.55          2       970     0.018        8.593
         1.552          1       971     0.009        8.602
         1.554          1       972     0.009        8.611
         1.556          3       975     0.027        8.637
         1.557          1       976     0.009        8.646
         1.558          2       978     0.018        8.664
         1.559          1       979     0.009        8.673
          1.56          2       981     0.018        8.691
         1.561          2       983     0.018        8.708
         1.563          3       986     0.027        8.735
         1.565          2       988     0.018        8.753
         1.566          1       989     0.009        8.762
         1.569          1       990     0.009        8.770
         1.571         16      1006     0.142        8.912
         1.573          2      1008     0.018        8.930
         1.574          1      1009     0.009        8.939
         1.575          2      1011     0.018        8.956
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                                  SYNTHETIC GPA
GENGPA                 FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
             1.577           1      1012       0.009        8.965
             1.579           2      1014       0.018        8.983
             1.581           1      1015       0.009        8.992
             1.582           1      1016       0.009        9.001
             1.583           5      1021       0.044        9.045
             1.584           1      1022       0.009        9.054
             1.585           1      1023       0.009        9.063
             1.586           2      1025       0.018        9.080
             1.588           3      1028       0.027        9.107
              1.59           2      1030       0.018        9.125
             1.591           3      1033       0.027        9.151
             1.593           1      1034       0.009        9.160
             1.595           4      1038       0.035        9.196
             1.598           2      1040       0.018        9.213
               1.6          23      1063       0.204        9.417
             1.603           1      1064       0.009        9.426
             1.604           1      1065       0.009        9.435
             1.605           1      1066       0.009        9.444
             1.606           2      1068       0.018        9.461
             1.607           1      1069       0.009        9.470
             1.608           1      1070       0.009        9.479
              1.61           1      1071       0.009        9.488
             1.611           2      1073       0.018        9.506
             1.612           1      1074       0.009        9.515
             1.615           5      1079       0.044        9.559
             1.616           1      1080       0.009        9.568
             1.619           1      1081       0.009        9.577
             1.621           2      1083       0.018        9.594
             1.625           9      1092       0.080        9.674
             1.626           1      1093       0.009        9.683
             1.628           1      1094       0.009        9.692
             1.629           2      1096       0.018        9.709
              1.63           2      1098       0.018        9.727
             1.632           2      1100       0.018        9.745
             1.635           1      1101       0.009        9.754
             1.636           6      1107       0.053        9.807
              1.64           2      1109       0.018        9.825
             1.641           1      1110       0.009        9.833
             1.643           8      1118       0.071        9.904
             1.644           2      1120       0.018        9.922
             1.645           1      1121       0.009        9.931
             1.647           2      1123       0.018        9.949
             1.648           1      1124       0.009        9.957
              1.65           2      1126       0.018        9.975
             1.651           1      1127       0.009        9.984
             1.652           3      1130       0.027       10.011
             1.655           5      1135       0.044       10.055
             1.656           1      1136       0.009       10.064
             1.658           2      1138       0.018       10.082
             1.663           2      1140       0.018       10.099
             1.664           2      1142       0.018       10.117
             1.667          34      1176       0.301       10.418
             1.669           1      1177       0.009       10.427
             1.672           1      1178       0.009       10.436
             1.674           2      1180       0.018       10.454
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                        SYNTHETIC GPA
GENGPA           FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         1.676           4      1184      0.035       10.489
         1.677           1      1185      0.009       10.498
         1.678           1      1186      0.009       10.507
         1.679           1      1187      0.009       10.516
          1.68           1      1188      0.009       10.524
         1.681           2      1190      0.018       10.542
         1.682           3      1193      0.027       10.569
         1.686           2      1195      0.018       10.586
         1.688           5      1200      0.044       10.631
          1.69           4      1204      0.035       10.666
         1.692           9      1213      0.080       10.746
         1.693           1      1214      0.009       10.755
         1.694           2      1216      0.018       10.773
         1.696           4      1220      0.035       10.808
         1.698           2      1222      0.018       10.826
           1.7           7      1229      0.062       10.888
         1.701           2      1231      0.018       10.905
         1.702           1      1232      0.009       10.914
         1.703           3      1235      0.027       10.941
         1.704           3      1238      0.027       10.967
         1.705           1      1239      0.009       10.976
         1.706           4      1243      0.035       11.012
         1.708           1      1244      0.009       11.021
          1.71           2      1246      0.018       11.038
         1.711           2      1248      0.018       11.056
         1.713           1      1249      0.009       11.065
         1.714          15      1264      0.133       11.198
         1.716           1      1265      0.009       11.207
         1.719           2      1267      0.018       11.224
          1.72           5      1272      0.044       11.269
         1.721           1      1273      0.009       11.277
         1.722           1      1274      0.009       11.286
         1.723           2      1276      0.018       11.304
         1.725           5      1281      0.044       11.348
         1.726           1      1282      0.009       11.357
         1.727          12      1294      0.106       11.464
         1.729           1      1295      0.009       11.472
          1.73           1      1296      0.009       11.481
         1.731           2      1298      0.018       11.499
         1.732           1      1299      0.009       11.508
         1.733           2      1301      0.018       11.526
         1.735           3      1304      0.027       11.552
         1.736           2      1306      0.018       11.570
         1.737           3      1309      0.027       11.596
         1.738           1      1310      0.009       11.605
         1.739           1      1311      0.009       11.614
          1.74           1      1312      0.009       11.623
         1.741           3      1315      0.027       11.650
         1.742           1      1316      0.009       11.658
         1.743           2      1318      0.018       11.676
         1.744           2      1320      0.018       11.694
         1.745           2      1322      0.018       11.712
         1.747           1      1323      0.009       11.720
          1.75          36      1359      0.319       12.039
         1.752           1      1360      0.009       12.048
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                                SYNTHETIC GPA
GENGPA                FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
           1.753            2       1362       0.018        12.066
           1.754            1       1363       0.009        12.075
           1.755            2       1365       0.018        12.092
           1.756            2       1367       0.018        12.110
           1.758            1       1368       0.009        12.119
           1.759            4       1372       0.035        12.155
            1.76            5       1377       0.044        12.199
           1.761            1       1378       0.009        12.208
           1.762            3       1381       0.027        12.234
           1.763            1       1382       0.009        12.243
           1.764            2       1384       0.018        12.261
           1.765            1       1385       0.009        12.270
           1.768            4       1389       0.035        12.305
           1.769            6       1395       0.053        12.358
           1.772            1       1396       0.009        12.367
           1.773            2       1398       0.018        12.385
           1.774            1       1399       0.009        12.394
           1.776            2       1401       0.018        12.411
           1.777            1       1402       0.009        12.420
           1.778            6       1408       0.053        12.473
            1.78            2       1410       0.018        12.491
           1.782            3       1413       0.027        12.518
           1.783            6       1419       0.053        12.571
           1.784            1       1420       0.009        12.580
           1.786            3       1423       0.027        12.606
           1.787            1       1424       0.009        12.615
           1.788            2       1426       0.018        12.633
           1.789            2       1428       0.018        12.651
           1.791            2       1430       0.018        12.668
           1.793            3       1433       0.027        12.695
           1.794            1       1434       0.009        12.704
           1.795            1       1435       0.009        12.713
           1.796            1       1436       0.009        12.721
           1.797            1       1437       0.009        12.730
             1.8           18       1455       0.159        12.890
           1.803            2       1457       0.018        12.908
           1.804            1       1458       0.009        12.916
           1.805            2       1460       0.018        12.934
           1.806            1       1461       0.009        12.943
           1.807            1       1462       0.009        12.952
           1.808            2       1464       0.018        12.970
           1.809            1       1465       0.009        12.978
            1.81            5       1470       0.044        13.023
           1.811            2       1472       0.018        13.040
           1.812            1       1473       0.009        13.049
           1.813            3       1476       0.027        13.076
           1.814            2       1478       0.018        13.094
           1.815            3       1481       0.027        13.120
           1.816            2       1483       0.018        13.138
           1.818            5       1488       0.044        13.182
            1.82            2       1490       0.018        13.200
           1.821            3       1493       0.027        13.226
           1.822            1       1494       0.009        13.235
           1.824            1       1495       0.009        13.244
           1.825            2       1497       0.018        13.262
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                              SYNTHETIC GPA
GENGPA                FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
          1.826              1       1498      0.009        13.271
          1.827              1       1499      0.009        13.280
           1.83              3       1502      0.027        13.306
          1.831              1       1503      0.009        13.315
          1.832              1       1504      0.009        13.324
          1.833              8       1512      0.071        13.395
          1.835              1       1513      0.009        13.404
          1.836              1       1514      0.009        13.412
          1.837              2       1516      0.018        13.430
           1.84              2       1518      0.018        13.448
          1.841              1       1519      0.009        13.457
          1.842              4       1523      0.035        13.492
          1.844              2       1525      0.018        13.510
          1.845              1       1526      0.009        13.519
          1.846              6       1532      0.053        13.572
          1.847              2       1534      0.018        13.590
          1.848              2       1536      0.018        13.607
          1.849              3       1539      0.027        13.634
           1.85              2       1541      0.018        13.652
          1.852              3       1544      0.027        13.678
          1.853              1       1545      0.009        13.687
          1.854              2       1547      0.018        13.705
          1.857             20       1567      0.177        13.882
          1.859              4       1571      0.035        13.917
           1.86              3       1574      0.027        13.944
          1.862              1       1575      0.009        13.953
          1.863              3       1578      0.027        13.979
          1.864              4       1582      0.035        14.015
          1.865              1       1583      0.009        14.024
          1.867              4       1587      0.035        14.059
          1.868              2       1589      0.018        14.077
           1.87              3       1592      0.027        14.103
          1.871              2       1594      0.018        14.121
          1.872              3       1597      0.027        14.148
          1.875             15       1612      0.133        14.281
          1.878              1       1613      0.009        14.290
          1.879              2       1615      0.018        14.307
           1.88              4       1619      0.035        14.343
          1.881              2       1621      0.018        14.360
          1.882              5       1626      0.044        14.405
          1.883              2       1628      0.018        14.422
          1.884              1       1629      0.009        14.431
          1.885              1       1630      0.009        14.440
          1.886              5       1635      0.044        14.484
          1.887              1       1636      0.009        14.493
          1.888              2       1638      0.018        14.511
          1.889             10       1648      0.089        14.600
           1.89              1       1649      0.009        14.608
          1.891              4       1653      0.035        14.644
          1.893              2       1655      0.018        14.662
          1.895              5       1660      0.044        14.706
          1.896              4       1664      0.035        14.741
          1.897              3       1667      0.027        14.768
          1.898              2       1669      0.018        14.786
          1.899              1       1670      0.009        14.794
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                              SYNTHETIC GPA
 GENGPA          FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
        1.9              9      1679      0.080        14.874
      1.901              2      1681      0.018        14.892
      1.903              1      1682      0.009        14.901
      1.904              1      1683      0.009        14.910
      1.905              1      1684      0.009        14.918
      1.906              2      1686      0.018        14.936
      1.907              4      1690      0.035        14.972
      1.909              3      1693      0.027        14.998
       1.91              1      1694      0.009        15.007
      1.911              1      1695      0.009        15.016
      1.912              4      1699      0.035        15.051
      1.913              1      1700      0.009        15.060
      1.914              4      1704      0.035        15.096
      1.915              1      1705      0.009        15.105
      1.916              1      1706      0.009        15.113
      1.917              5      1711      0.044        15.158
      1.918              1      1712      0.009        15.167
      1.919              2      1714      0.018        15.184
       1.92              5      1719      0.044        15.229
      1.921              1      1720      0.009        15.237
      1.922              1      1721      0.009        15.246
      1.923              9      1730      0.080        15.326
      1.924              1      1731      0.009        15.335
      1.925              2      1733      0.018        15.353
      1.926              2      1735      0.018        15.370
      1.927              3      1738      0.027        15.397
      1.929              5      1743      0.044        15.441
       1.93              3      1746      0.027        15.468
      1.931              5      1751      0.044        15.512
      1.932              1      1752      0.009        15.521
      1.933              7      1759      0.062        15.583
      1.934              1      1760      0.009        15.592
      1.935              2      1762      0.018        15.609
      1.936              1      1763      0.009        15.618
      1.938              5      1768      0.044        15.663
      1.939              2      1770      0.018        15.680
       1.94              2      1772      0.018        15.698
      1.941              5      1777      0.044        15.742
      1.943              2      1779      0.018        15.760
      1.944              7      1786      0.062        15.822
      1.945              2      1788      0.018        15.840
      1.946              2      1790      0.018        15.858
      1.947              6      1796      0.053        15.911
      1.949              2      1798      0.018        15.928
       1.95              1      1799      0.009        15.937
      1.951              1      1800      0.009        15.946
      1.952              4      1804      0.035        15.982
      1.953              1      1805      0.009        15.990
      1.954              1      1806      0.009        15.999
      1.955              6      1812      0.053        16.052
      1.956              3      1815      0.027        16.079
      1.957              1      1816      0.009        16.088
      1.958              2      1818      0.018        16.106
      1.959              1      1819      0.009        16.114
       1.96              2      1821      0.018        16.132
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                          SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         1.961          2      1823     0.018       16.150
         1.962          2      1825     0.018       16.168
         1.963          3      1828     0.027       16.194
         1.964          1      1829     0.009       16.203
         1.965          1      1830     0.009       16.212
         1.967          1      1831     0.009       16.221
         1.968          1      1832     0.009       16.230
         1.969          3      1835     0.027       16.256
          1.97          2      1837     0.018       16.274
         1.971          5      1842     0.044       16.318
         1.972          1      1843     0.009       16.327
         1.973          4      1847     0.035       16.363
         1.974          1      1848     0.009       16.371
         1.978          2      1850     0.018       16.389
         1.979          4      1854     0.035       16.425
          1.98          4      1858     0.035       16.460
         1.981          3      1861     0.027       16.487
         1.982          1      1862     0.009       16.495
         1.985          3      1865     0.027       16.522
         1.986          4      1869     0.035       16.557
         1.987          5      1874     0.044       16.602
         1.989          3      1877     0.027       16.628
          1.99          4      1881     0.035       16.664
         1.992          2      1883     0.018       16.681
             2        296      2179     2.622       19.304
         2.006          1      2180     0.009       19.313
         2.009          2      2182     0.018       19.330
          2.01          2      2184     0.018       19.348
         2.011          2      2186     0.018       19.366
         2.012          1      2187     0.009       19.375
         2.013          3      2190     0.027       19.401
         2.014          1      2191     0.009       19.410
         2.016          1      2192     0.009       19.419
         2.017          2      2194     0.018       19.437
         2.018          2      2196     0.018       19.454
          2.02          2      2198     0.018       19.472
         2.021          1      2199     0.009       19.481
         2.022          2      2201     0.018       19.499
         2.023          3      2204     0.027       19.525
         2.024          2      2206     0.018       19.543
         2.025          1      2207     0.009       19.552
         2.026          3      2210     0.027       19.578
         2.027          2      2212     0.018       19.596
         2.028          1      2213     0.009       19.605
         2.029          3      2216     0.027       19.631
          2.03          3      2219     0.027       19.658
         2.031          3      2222     0.027       19.685
         2.033          2      2224     0.018       19.702
         2.034          3      2227     0.027       19.729
         2.035          3      2230     0.027       19.755
         2.036          1      2231     0.009       19.764
         2.037          3      2234     0.027       19.791
         2.038          4      2238     0.035       19.826
         2.039          2      2240     0.018       19.844
         2.041          3      2243     0.027       19.871
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                                SYNTHETIC GPA
GENGPA              FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         2.042              2      2245     0.018       19.888
         2.043              4      2249     0.035       19.924
         2.044              3      2252     0.027       19.950
         2.045              5      2257     0.044       19.995
         2.047              2      2259     0.018       20.012
         2.048              2      2261     0.018       20.030
         2.049              3      2264     0.027       20.057
          2.05              3      2267     0.027       20.083
         2.052              1      2268     0.009       20.092
         2.053              2      2270     0.018       20.110
         2.054              1      2271     0.009       20.119
         2.055              3      2274     0.027       20.145
         2.056              5      2279     0.044       20.190
         2.057              1      2280     0.009       20.198
         2.059              7      2287     0.062       20.260
          2.06              5      2292     0.044       20.305
         2.061              6      2298     0.053       20.358
         2.063              7      2305     0.062       20.420
         2.065              5      2310     0.044       20.464
         2.067              4      2314     0.035       20.500
         2.069              6      2320     0.053       20.553
          2.07              2      2322     0.018       20.571
         2.071              8      2330     0.071       20.641
         2.072              3      2333     0.027       20.668
         2.073              2      2335     0.018       20.686
         2.074              7      2342     0.062       20.748
         2.077              3      2345     0.027       20.774
         2.078              4      2349     0.035       20.810
         2.079              1      2350     0.009       20.819
          2.08              3      2353     0.027       20.845
         2.081              4      2357     0.035       20.881
         2.082              2      2359     0.018       20.898
         2.083              4      2363     0.035       20.934
         2.085              2      2365     0.018       20.951
         2.086              3      2368     0.027       20.978
         2.087              6      2374     0.053       21.031
         2.088              1      2375     0.009       21.040
         2.089              1      2376     0.009       21.049
          2.09              2      2378     0.018       21.067
         2.091              7      2385     0.062       21.129
         2.092              1      2386     0.009       21.137
         2.093              2      2388     0.018       21.155
         2.094              5      2393     0.044       21.200
         2.095              5      2398     0.044       21.244
         2.097              2      2400     0.018       21.262
         2.098              4      2404     0.035       21.297
         2.099              1      2405     0.009       21.306
           2.1              9      2414     0.080       21.386
         2.101              2      2416     0.018       21.403
         2.102              3      2419     0.027       21.430
         2.103              4      2423     0.035       21.465
         2.104              1      2424     0.009       21.474
         2.105              4      2428     0.035       21.510
         2.107              4      2432     0.035       21.545
         2.108              1      2433     0.009       21.554
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                            SYNTHETIC GPA
GENGPA            FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          2.109           2      2435     0.018       21.572
           2.11           2      2437     0.018       21.589
          2.111           9      2446     0.080       21.669
          2.112           1      2447     0.009       21.678
          2.113           1      2448     0.009       21.687
          2.114           3      2451     0.027       21.713
          2.115           4      2455     0.035       21.749
          2.116           1      2456     0.009       21.758
          2.117           1      2457     0.009       21.766
          2.118           5      2462     0.044       21.811
          2.119           4      2466     0.035       21.846
           2.12           3      2469     0.027       21.873
          2.121           1      2470     0.009       21.882
          2.122           3      2473     0.027       21.908
          2.124           2      2475     0.018       21.926
          2.125           8      2483     0.071       21.997
          2.126           2      2485     0.018       22.015
          2.127           1      2486     0.009       22.023
          2.128           2      2488     0.018       22.041
          2.129           4      2492     0.035       22.077
           2.13           6      2498     0.053       22.130
          2.131           1      2499     0.009       22.139
          2.132           2      2501     0.018       22.156
          2.133           4      2505     0.035       22.192
          2.134           2      2507     0.018       22.209
          2.135           1      2508     0.009       22.218
          2.136           3      2511     0.027       22.245
          2.137           1      2512     0.009       22.254
          2.138           8      2520     0.071       22.325
           2.14           4      2524     0.035       22.360
          2.141           3      2527     0.027       22.387
          2.142           1      2528     0.009       22.395
          2.143          16      2544     0.142       22.537
          2.144           1      2545     0.009       22.546
          2.146           1      2546     0.009       22.555
          2.147           2      2548     0.018       22.573
          2.148           4      2552     0.035       22.608
           2.15           1      2553     0.009       22.617
          2.152           4      2557     0.035       22.652
          2.153           1      2558     0.009       22.661
          2.154           9      2567     0.080       22.741
          2.155           2      2569     0.018       22.759
          2.156           4      2573     0.035       22.794
          2.158           6      2579     0.053       22.847
          2.159           3      2582     0.027       22.874
           2.16           2      2584     0.018       22.892
          2.161           7      2591     0.062       22.954
          2.162           2      2593     0.018       22.971
          2.163           2      2595     0.018       22.989
          2.164           2      2597     0.018       23.007
          2.165           2      2599     0.018       23.024
          2.167          20      2619     0.177       23.202
          2.169           2      2621     0.018       23.219
           2.17           4      2625     0.035       23.255
          2.171           3      2628     0.027       23.281
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                              SYNTHETIC QPA
GENGPA              FREQUENCY  CUM FREQ   PERCENT   CUM PERCENT
         2.172             7       2635     0.062        23.343
         2.173             2       2637     0.018        23.361
         2.174             4       2641     0.035        23.397
         2.175             4       2645     0.035        23.432
         2.176             5       2650     0.044        23.476
         2.177             1       2651     0.009        23.485
         2.178             1       2652     0.009        23.494
         2.179             6       2658     0.053        23.547
          2.18             7       2665     0.062        23.609
         2.181             4       2669     0.035        23.645
         2.182             9       2678     0.080        23.724
         2.183             3       2681     0.027        23.751
         2.184             4       2685     0.035        23.786
         2.185             3       2688     0.027        23.813
         2.187             1       2689     0.009        23.822
         2.188             9       2698     0.080        23.901
         2.189             1       2699     0.009        23.910
          2.19             3       2702     0.027        23.937
         2.191             2       2704     0.018        23.955
         2.192             4       2708     0.035        23.990
         2.193             2       2710     0.018        24.008
         2.194             6       2716     0.053        24.061
         2.195             1       2717     0.009        24.070
         2.196             2       2719     0.018        24.088
         2.197             1       2720     0.009        24.096
         2.198             4       2724     0.035        24.132
           2.2            29       2753     0.257        24.389
         2.202             2       2755     0.018        24.406
         2.203             3       2758     0.027        24.433
         2.204             1       2759     0.009        24.442
         2.205             3       2762     0.027        24.468
         2.206             5       2767     0.044        24.513
         2.207             3       2770     0.027        24.539
         2.208             4       2774     0.035        24.575
         2.209             1       2775     0.009        24.584
          2.21             3       2778     0.027        24.610
         2.211             7       2785     0.062        24.672
         2.212             4       2789     0.035        24.708
         2.213             3       2792     0.027        24.734
         2.214             7       2799     0.062        24.796
         2.215             3       2802     0.027        24.823
         2.216             3       2805     0.027        24.849
         2.217             5       2810     0.044        24.894
         2.218             1       2811     0.009        24.903
         2.219             3       2814     0.027        24.929
          2.22             1       2815     0.009        24.938
         2.221             2       2817     0.018        24.956
         2.222             6       2823     0.053        25.009
         2.224             3       2826     0.027        25.035
         2.225             3       2829     0.027        25.062
         2.226             5       2834     0.044        25.106
         2.227             1       2835     0.009        25.115
         2.228             2       2837     0.018        25.133
         2.229             4       2841     0.035        25.168
          2.23             1       2842     0.009        25.177
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                            SYNTHETIC GPA
GENGPA               FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         2.231               7      2849      0.062       25.239
         2.232               2      2851      0.018       25.257
         2.233               5      2856      0.044       25.301
         2.234               2      2858      0.018       25.319
         2.235               7      2865      0.062       25.381
         2.236               2      2867      0.018       25.399
         2.237               5      2872      0.044       25.443
         2.238               3      2875      0.027       25.470
         2.239               1      2876      0.009       25.478
          2.24               1      2877      0.009       25.487
         2.241               3      2880      0.027       25.514
         2.242               2      2882      0.018       25.532
         2.243               5      2887      0.044       25.576
         2.244               4      2891      0.035       25.611
         2.245               4      2895      0.035       25.647
         2.246               3      2898      0.027       25.673
         2.247               2      2900      0.018       25.691
         2.248               1      2901      0.009       25.700
          2.25              32      2933      0.283       25.983
         2.252               3      2936      0.027       26.010
         2.253               1      2937      0.009       26.019
         2.254               2      2939      0.018       26.036
         2.255               1      2940      0.009       26.045
         2.256               4      2944      0.035       26.081
         2.257               1      2945      0.009       26.090
         2.258               3      2948      0.027       26.116
         2.259               4      2952      0.035       26.152
          2.26               3      2955      0.027       26.178
         2.261               4      2959      0.035       26.214
         2.262               4      2963      0.035       26.249
         2.263               7      2970      0.062       26.311
         2.266               3      2973      0.027       26.338
         2.267               7      2980      0.062       26.400
         2.268               4      2984      0.035       26.435
         2.269               1      2985      0.009       26.444
          2.27               3      2988      0.027       26.471
         2.272               1      2989      0.009       26.479
         2.273              10      2999      0.089       26.568
         2.274               4      3003      0.035       26.603
         2.275               4      3007      0.035       26.639
         2.277               3      3010      0.027       26.665
         2.278               6      3016      0.053       26.719
         2.279               2      3018      0.018       26.736
          2.28               2      3020      0.018       26.754
         2.281               4      3024      0.035       26.790
         2.282               7      3031      0.062       26.852
         2.283               1      3032      0.009       26.860
         2.284               1      3033      0.009       26.869
         2.285               1      3034      0.009       26.878
         2.286              22      3056      0.195       27.073
         2.287               1      3057      0.009       27.082
         2.288               2      3059      0.018       27.100
         2.289               2      3061      0.018       27.117
          2.29               2      3063      0.018       27.135
         2.291               3      3066      0.027       27.162
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                                 SYNTHETIC GPA
GENGPA                FREQUENCY  CUM FREQ   PERCENT   CUM PERCENT
              2.292           6      3072     0.053        27.215
              2.294           4      3076     0.035        27.250
              2.295           3      3079     0.027        27.277
              2.296           5      3084     0.044        27.321
              2.297           3      3087     0.027        27.348
              2.298           1      3088     0.009        27.356
                2.3           6      3094     0.053        27.410
              2.301           3      3097     0.027        27.436
              2.302           5      3102     0.044        27.481
              2.303           3      3105     0.027        27.507
              2.304           4      3109     0.035        27.543
              2.305           3      3112     0.027        27.569
              2.306           6      3118     0.053        27.622
              2.307           2      3120     0.018        27.640
              2.308           6      3126     0.053        27.693
              2.309           1      3127     0.009        27.702
               2.31           5      3132     0.044        27.746
              2.311           3      3135     0.027        27.773
              2.312           1      3136     0.009        27.782
              2.313           8      3144     0.071        27.853
              2.314           5      3149     0.044        27.897
              2.315           2      3151     0.018        27.915
              2.316           3      3154     0.027        27.941
              2.317           2      3156     0.018        27.959
              2.318           8      3164     0.071        28.030
              2.319           1      3165     0.009        28.039
               2.32           2      3167     0.018        28.056
              2.321           6      3173     0.053        28.109
              2.322           1      3174     0.009        28.118
              2.323           4      3178     0.035        28.154
              2.324           5      3183     0.044        28.198
              2.325           3      3186     0.027        28.225
              2.327           2      3188     0.018        28.242
              2.328           4      3192     0.035        28.278
              2.329           6      3198     0.053        28.331
               2.33           2      3200     0.018        28.349
              2.331           3      3203     0.027        28.375
              2.333          65      3268     0.576        28.951
              2.335           1      3269     0.009        28.960
              2.336           6      3275     0.053        29.013
              2.337           2      3277     0.018        29.031
              2.338           3      3280     0.027        29.057
              2.339           2      3282     0.018        29.075
               2.34           1      3283     0.009        29.084
              2.341           5      3288     0.044        29.128
              2.342           4      3292     0.035        29.164
              2.343           5      3297     0.044        29.208
              2.344           8      3305     0.071        29.279
              2.345           4      3309     0.035        29.314
              2.346           4      3313     0.035        29.350
              2.347           2      3315     0.018        29.367
              2.348           4      3319     0.035        29.403
              2.349           2      3321     0.018        29.421
               2.35           3      3324     0.027        29.447
              2.351           2      3326     0.018        29.465
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                          SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         2.352          2      3328     0.018       29.483
         2.353          9      3337     0.080       29.562
         2.354          4      3341     0.035       29.598
         2.355          2      3343     0.018       29.616
         2.356          2      3345     0.018       29.633
         2.357         10      3355     0.089       29.722
         2.358          4      3359     0.035       29.757
         2.359          2      3361     0.018       29.775
          2.36          7      3368     0.062       29.837
         2.361          2      3370     0.018       29.855
         2.362          4      3374     0.035       29.890
         2.363          1      3375     0.009       29.899
         2.364         10      3385     0.089       29.988
         2.365          1      3386     0.009       29.996
         2.366          6      3392     0.053       30.050
         2.367          4      3396     0.035       30.085
         2.368          5      3401     0.044       30.129
         2.369          4      3405     0.035       30.165
          2.37          7      3412     0.062       30.227
         2.371          4      3416     0.035       30.262
         2.372          1      3417     0.009       30.271
         2.373          6      3423     0.053       30.324
         2.374          1      3424     0.009       30.333
         2.375          9      3433     0.080       30.413
         2.376          4      3437     0.035       30.448
         2.377          1      3438     0.009       30.457
         2.378          7      3445     0.062       30.519
         2.379          2      3447     0.018       30.537
          2.38          2      3449     0.018       30.555
         2.381          3      3452     0.027       30.581
         2.382          4      3456     0.035       30.617
         2.383          1      3457     0.009       30.625
         2.385         16      3473     0.142       30.767
         2.387          5      3478     0.044       30.811
         2.388          5      3483     0.044       30.856
         2.389          4      3487     0.035       30.891
          2.39          5      3492     0.044       30.936
         2.391          1      3493     0.009       30.944
         2.392          2      3495     0.018       30.962
         2.394          5      3500     0.044       31.006
         2.395          1      3501     0.009       31.015
         2.396          4      3505     0.035       31.051
         2.397          2      3507     0.018       31.068
         2.398          1      3508     0.009       31.077
         2.399          1      3509     0.009       31.086
           2.4         22      3531     0.195       31.281
         2.401          1      3532     0.009       31.290
         2.403          2      3534     0.018       31.308
         2.404          3      3537     0.027       31.334
         2.405          2      3539     0.018       31.352
         2.406          5      3544     0.044       31.396
         2.407          9      3553     0.080       31.476
         2.408          5      3558     0.044       31.520
         2.409          4      3562     0.035       31.556
          2.41          1      3563     0.009       31.564
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                        SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
       2.411            3      3566     0.027       31.591
       2.412            5      3571     0.044       31.635
       2.413            4      3575     0.035       31.671
       2.414            1      3576     0.009       31.680
       2.415            6      3582     0.053       31.733
       2.416            2      3584     0.018       31.751
       2.417            4      3588     0.035       31.786
       2.418            2      3590     0.018       31.804
       2.419            4      3594     0.035       31.839
        2.42            2      3596     0.018       31.857
       2.421            5      3601     0.044       31.901
       2.422            1      3602     0.009       31.910
       2.423            5      3607     0.044       31.954
       2.424            5      3612     0.044       31.999
       2.425            1      3613     0.009       32.007
       2.426           11      3624     0.097       32.105
       2.429           19      3643     0.168       32.273
        2.43            3      3646     0.027       32.300
       2.431            3      3649     0.027       32.326
       2.432            6      3655     0.053       32.380
       2.433            6      3661     0.053       32.433
       2.434            1      3662     0.009       32.442
       2.435            8      3670     0.071       32.512
       2.436            3      3673     0.027       32.539
       2.437            2      3675     0.018       32.557
       2.438            9      3684     0.080       32.636
       2.439            7      3691     0.062       32.698
        2.44            9      3700     0.080       32.778
       2.441            3      3703     0.027       32.805
       2.442            5      3708     0.044       32.849
       2.443            2      3710     0.018       32.867
       2.444           12      3722     0.106       32.973
       2.446            1      3723     0.009       32.982
       2.447            5      3728     0.044       33.026
       2.448            4      3732     0.035       33.062
       2.449            6      3738     0.053       33.115
        2.45            3      3741     0.027       33.141
       2.451            1      3742     0.009       33.150
       2.452            3      3745     0.027       33.177
       2.453            3      3748     0.027       33.203
       2.454            5      3753     0.044       33.248
       2.455            5      3758     0.044       33.292
       2.457            3      3761     0.027       33.319
       2.458            3      3764     0.027       33.345
       2.459            4      3768     0.035       33.381
        2.46            5      3773     0.044       33.425
       2.462            6      3779     0.053       33.478
       2.463            7      3786     0.062       33.540
       2.464            5      3791     0.044       33.584
       2.465            3      3794     0.027       33.611
       2.466            2      3796     0.018       33.629
       2.467            6      3802     0.053       33.682
       2.468            1      3803     0.009       33.691
       2.469            5      3808     0.044       33.735
        2.47            2      3810     0.018       33.753
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                          SYNTHETIC GPA
GENGPA           FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          2.471          6      3816     0.053       33.806
          2.472          3      3819     0.027       33.832
          2.473          1      3820     0.009       33.841
          2.474          9      3829     0.080       33.921
          2.475          3      3832     0.027       33.948
          2.476          9      3841     0.080       34.027
          2.477          4      3845     0.035       34.063
          2.478          5      3850     0.044       34.107
          2.479          2      3852     0.018       34.125
           2.48          1      3853     0.009       34.134
          2.481          6      3859     0.053       34.187
          2.482          4      3863     0.035       34.222
          2.483          2      3865     0.018       34.240
          2.484          6      3871     0.053       34.293
          2.485          3      3874     0.027       34.320
          2.486          4      3878     0.035       34.355
          2.487          1      3879     0.009       34.364
          2.488          4      3883     0.035       34.399
          2.489          4      3887     0.035       34.435
           2.49          2      3889     0.018       34.453
          2.492          6      3895     0.053       34.506
          2.493          2      3897     0.018       34.523
          2.494          2      3899     0.018       34.541
          2.495          2      3901     0.018       34.559
          2.496          6      3907     0.053       34.612
            2.5        109      4016     0.966       35.578
          2.503          1      4017     0.009       35.586
          2.504          4      4021     0.035       35.622
          2.505          4      4025     0.035       35.657
          2.506          4      4029     0.035       35.693
          2.507          3      4032     0.027       35.719
          2.508          3      4035     0.027       35.746
          2.509          3      4038     0.027       35.773
           2.51          5      4043     0.044       35.817
          2.511          4      4047     0.035       35.852
          2.512          3      4050     0.027       35.879
          2.513          2      4052     0.018       35.897
          2.514          4      4056     0.035       35.932
          2.515          4      4060     0.035       35.967
          2.516          4      4064     0.035       36.003
          2.517          2      4066     0.018       36.021
          2.518          3      4069     0.027       36.047
          2.519          1      4070     0.009       36.056
           2.52          3      4073     0.027       36.083
          2.521          1      4074     0.009       36.091
          2.522          4      4078     0.035       36.127
          2.523          3      4081     0.027       36.153
          2.524          3      4084     0.027       36.180
          2.525          4      4088     0.035       36.215
          2.526          5      4093     0.044       36.260
          2.527          1      4094     0.009       36.269
          2.529          4      4098     0.035       36.304
           2.53          3      4101     0.027       36.331
          2.531          3      4104     0.027       36.357
          2.532          3      4107     0.027       36.384
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                                SYNTHETIC GPA
GENGPA               FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
          2.533              6      4113      0.053       36.437
          2.534              4      4117      0.035       36.472
          2.535              4      4121      0.035       36.508
          2.536              2      4123      0.018       36.526
          2.537              2      4125      0.018       36.543
          2.538             14      4139      0.124       36.667
          2.539              1      4140      0.009       36.676
           2.54              1      4141      0.009       36.685
          2.541              3      4144      0.027       36.712
          2.542              2      4146      0.018       36.729
          2.543              2      4148      0.018       36.747
          2.544              4      4152      0.035       36.782
          2.545             10      4162      0.089       36.871
          2.546              2      4164      0.018       36.889
          2.547              1      4165      0.009       36.898
          2.548              3      4168      0.027       36.924
          2.549              3      4171      0.027       36.951
           2.55              4      4175      0.035       36.986
          2.552              3      4178      0.027       37.013
          2.553              2      4180      0.018       37.030
          2.554              2      4182      0.018       37.048
          2.556             11      4193      0.097       37.146
          2.557              8      4201      0.071       37.217
          2.558              2      4203      0.018       37.234
          2.559              2      4205      0.018       37.252
           2.56              2      4207      0.018       37.270
          2.562              2      4209      0.018       37.287
          2.563             11      4220      0.097       37.385
          2.564              3      4223      0.027       37.411
          2.565              5      4228      0.044       37.456
          2.566              1      4229      0.009       37.465
          2.567              5      4234      0.044       37.509
          2.568              2      4236      0.018       37.527
          2.569              2      4238      0.018       37.544
           2.57              5      4243      0.044       37.589
          2.571             17      4260      0.151       37.739
          2.573              2      4262      0.018       37.757
          2.574              2      4264      0.018       37.775
          2.575              1      4265      0.009       37.783
          2.576              1      4266      0.009       37.792
          2.577              4      4270      0.035       37.828
          2.578              3      4273      0.027       37.854
          2.579              3      4276      0.027       37.881
          2.581              1      4277      0.009       37.890
          2.582              3      4280      0.027       37.916
          2.583              5      4285      0.044       37.961
          2.584              3      4288      0.027       37.987
          2.585              2      4290      0.018       38.005
          2.586              5      4295      0.044       38.049
          2.587              1      4296      0.009       38.058
          2.588              8      4304      0.071       38.129
          2.589              3      4307      0.027       38.156
           2.59              3      4310      0.027       38.182
          2.591              4      4314      0.035       38.218
          2.592              1      4315      0.009       38.226
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                              SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ    PERCENT    CUM PERCENT
         2.593          6      4321      0.053         38.280
         2.594          3      4324      0.027         38.306
         2.595          4      4328      0.035         38.342
         2.596          1      4329      0.009         38.350
         2.598          1      4330      0.009         38.359
           2.6         22      4352      0.195         38.554
         2.603          3      4355      0.027         38.581
         2.604          2      4357      0.018         38.599
         2.605          2      4359      0.018         38.616
         2.606          1      4360      0.009         38.625
         2.607          2      4362      0.018         38.643
         2.609          1      4363      0.009         38.652
          2.61          5      4368      0.044         38.696
         2.611          5      4373      0.044         38.740
         2.612          3      4376      0.027         38.767
         2.613          5      4381      0.044         38.811
         2.614          2      4383      0.018         38.829
         2.615          8      4391      0.071         38.900
         2.616          5      4396      0.044         38.944
         2.617          2      4398      0.018         38.962
         2.618          6      4404      0.053         39.015
         2.619          7      4411      0.062         39.077
          2.62          4      4415      0.035         39.112
         2.621          2      4417      0.018         39.130
         2.622          4      4421      0.035         39.165
         2.623          2      4423      0.018         39.183
         2.625         18      4441      0.159         39.343
         2.626          1      4442      0.009         39.352
         2.627          2      4444      0.018         39.369
         2.628          1      4445      0.009         39.378
         2.629          1      4446      0.009         39.387
          2.63          4      4450      0.035         39.422
         2.632          3      4453      0.027         39.449
         2.633          5      4458      0.044         39.493
         2.635          1      4459      0.009         39.502
         2.636         11      4470      0.097         39.600
         2.637          1      4471      0.009         39.608
         2.638          1      4472      0.009         39.617
         2.639          4      4476      0.035         39.653
          2.64          2      4478      0.018         39.670
         2.641          2      4480      0.018         39.688
         2.642          3      4483      0.027         39.715
         2.643          7      4490      0.062         39.777
         2.644          6      4496      0.053         39.830
         2.645          4      4500      0.035         39.865
         2.646          3      4503      0.027         39.892
         2.647          8      4511      0.071         39.963
         2.648          1      4512      0.009         39.972
         2.649          1      4513      0.009         39.981
          2.65          5      4518      0.044         40.025
         2.651          1      4519      0.009         40.034
         2.652          3      4522      0.027         40.060
         2.653          4      4526      0.035         40.096
         2.654          7      4533      0.062         40.158
         2.655          5      4538      0.044         40.202
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                        SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
       2.656            1      4539      0.009       40.211
       2.657            5      4544      0.044       40.255
       2.658            3      4547      0.027       40.282
       2.659            3      4550      0.027       40.308
       2.661            5      4555      0.044       40.353
       2.662            3      4558      0.027       40.379
       2.663            2      4560      0.018       40.397
       2.665            2      4562      0.018       40.415
       2.667           51      4613      0.452       40.866
       2.669            3      4616      0.027       40.893
        2.67            4      4620      0.035       40.928
       2.671            2      4622      0.018       40.946
       2.672            5      4627      0.044       40.990
       2.673            3      4630      0.027       41.017
       2.674            4      4634      0.035       41.052
       2.675            2      4636      0.018       41.070
       2.676            2      4638      0.018       41.088
       2.677            3      4641      0.027       41.114
       2.679            5      4646      0.044       41.159
        2.68            1      4647      0.009       41.168
       2.681            2      4649      0.018       41.185
       2.682            5      4654      0.044       41.230
       2.683            3      4657      0.027       41.256
       2.684            5      4662      0.044       41.300
       2.685            4      4666      0.035       41.336
       2.686            2      4668      0.018       41.354
       2.687            3      4671      0.027       41.380
       2.688            9      4680      0.080       41.460
       2.689            4      4684      0.035       41.495
        2.69            2      4686      0.018       41.513
       2.691            1      4687      0.009       41.522
       2.692            6      4693      0.053       41.575
       2.694            3      4696      0.027       41.602
       2.695            1      4697      0.009       41.611
       2.696           13      4710      0.115       41.726
       2.697            2      4712      0.018       41.743
       2.698            2      4714      0.018       41.761
       2.699            3      4717      0.027       41.788
         2.7            5      4722      0.044       41.832
       2.702            3      4725      0.027       41.859
       2.703            3      4728      0.027       41.885
       2.704            2      4730      0.018       41.903
       2.705            1      4731      0.009       41.912
       2.706            5      4736      0.044       41.956
       2.707            2      4738      0.018       41.974
       2.708            2      4740      0.018       41.991
       2.709            4      4744      0.035       42.027
        2.71            4      4748      0.035       42.062
       2.711            2      4750      0.018       42.080
       2.712            3      4753      0.027       42.107
       2.713            1      4754      0.009       42.116
       2.714           13      4767      0.115       42.231
       2.715            1      4768      0.009       42.240
       2.716            5      4773      0.044       42.284
       2.717            2      4775      0.018       42.302
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                                   SYNTHETIC GPA
GENGPA                 FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         2.718                 2      4777      0.018       42.319
         2.719                 5      4782      0.044       42.364
          2.72                 4      4786      0.035       42.399
         2.721                 5      4791      0.044       42.443
         2.722                 7      4798      0.062       42.505
         2.723                 1      4799      0.009       42.514
         2.724                 2      4801      0.018       42.532
         2.725                 1      4802      0.009       42.541
         2.726                 2      4804      0.018       42.558
         2.727                11      4815      0.097       42.656
         2.728                 1      4816      0.009       42.665
         2.729                 3      4819      0.027       42.691
          2.73                 3      4822      0.027       42.718
         2.731                 1      4823      0.009       42.727
         2.732                 2      4825      0.018       42.745
         2.733                 7      4832      0.062       42.807
         2.734                 5      4837      0.044       42.851
         2.735                 3      4840      0.027       42.877
         2.736                 3      4843      0.027       42.904
         2.737                 8      4851      0.071       42.975
         2.738                 4      4855      0.035       43.010
         2.739                 8      4863      0.071       43.081
          2.74                 4      4867      0.035       43.117
         2.741                 5      4872      0.044       43.161
         2.742                 4      4876      0.035       43.196
         2.743                 1      4877      0.009       43.205
         2.744                 4      4881      0.035       43.241
         2.745                 5      4886      0.044       43.285
         2.746                 2      4888      0.018       43.303
         2.747                 3      4891      0.027       43.329
         2.748                 4      4895      0.035       43.365
         2.749                 1      4896      0.009       43.373
          2.75                39      4935      0.345       43.719
         2.752                 4      4939      0.035       43.754
         2.753                 1      4940      0.009       43.763
         2.754                 5      4945      0.044       43.808
         2.755                 3      4948      0.027       43.834
         2.756                 1      4949      0.009       43.843
         2.757                 2      4951      0.018       43.861
         2.758                 2      4953      0.018       43.878
         2.759                 2      4955      0.018       43.896
          2.76                 6      4961      0.053       43.949
         2.761                 1      4962      0.009       43.958
         2.762                 3      4965      0.027       43.985
         2.763                 3      4968      0.027       44.011
         2.764                 2      4970      0.018       44.029
         2.765                 8      4978      0.071       44.100
         2.766                 3      4981      0.027       44.127
         2.767                 4      4985      0.035       44.162
         2.768                 2      4987      0.018       44.180
         2.769                10      4997      0.089       44.268
          2.77                 2      4999      0.018       44.286
         2.771                 2      5001      0.018       44.304
         2.772                 2      5003      0.018       44.321
         2.773                 5      5008      0.044       44.366
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                                SYNTHETIC GPA
GENGPA               FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
          2.774              3      5011      0.027       44.392
          2.776              2      5013      0.018       44.410
          2.777              1      5014      0.009       44.419
          2.778              9      5023      0.080       44.499
          2.779              2      5025      0.018       44.516
           2.78              3      5028      0.027       44.543
          2.781              2      5030      0.018       44.561
          2.782              4      5034      0.035       44.596
          2.783              4      5038      0.035       44.631
          2.784              3      5041      0.027       44.658
          2.785              6      5047      0.053       44.711
          2.786              9      5056      0.080       44.791
          2.787              3      5059      0.027       44.818
          2.788              7      5066      0.062       44.880
          2.789              5      5071      0.044       44.924
           2.79              2      5073      0.018       44.942
          2.791              1      5074      0.009       44.950
          2.792              4      5078      0.035       44.986
          2.793              4      5082      0.035       45.021
          2.794              3      5085      0.027       45.048
          2.795              1      5086      0.009       45.057
          2.796              2      5088      0.018       45.074
          2.797              6      5094      0.053       45.128
          2.798              2      5096      0.018       45.145
          2.799              1      5097      0.009       45.154
            2.8             31      5128      0.275       45.429
          2.803              2      5130      0.018       45.446
          2.805              1      5131      0.009       45.455
          2.806              3      5134      0.027       45.482
          2.807              2      5136      0.018       45.500
          2.808              2      5138      0.018       45.517
          2.809              3      5141      0.027       45.544
           2.81              7      5148      0.062       45.606
          2.811              2      5150      0.018       45.624
          2.812              3      5153      0.027       45.650
          2.813              8      5161      0.071       45.721
          2.814              6      5167      0.053       45.774
          2.815              4      5171      0.035       45.810
          2.816              1      5172      0.009       45.819
          2.817              4      5176      0.035       45.854
          2.818              5      5181      0.044       45.898
          2.819              1      5182      0.009       45.907
           2.82              1      5183      0.009       45.916
          2.821              2      5185      0.018       45.934
          2.822              3      5188      0.027       45.960
          2.823              3      5191      0.027       45.987
          2.824              4      5195      0.035       46.022
          2.825              2      5197      0.018       46.040
          2.826              6      5203      0.053       46.093
          2.828              5      5208      0.044       46.137
          2.829              5      5213      0.044       46.182
           2.83              2      5215      0.018       46.200
          2.831              2      5217      0.018       46.217
          2.832              2      5219      0.018       46.235
          2.833             11      5230      0.097       46.332
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                            SYNTHETIC GPA
GENGPA            FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
           2.834          1      5231      0.009       46.341
           2.835          1      5232      0.009       46.350
           2.836          1      5233      0.009       46.359
           2.837          3      5236      0.027       46.386
           2.838          1      5237      0.009       46.394
           2.839          2      5239      0.018       46.412
            2.84          2      5241      0.018       46.430
           2.841          2      5243      0.018       46.448
           2.842          3      5246      0.027       46.474
           2.843          2      5248      0.018       46.492
           2.844          3      5251      0.027       46.518
           2.845          1      5252      0.009       46.527
           2.846          8      5260      0.071       46.598
           2.847          3      5263      0.027       46.625
           2.848          3      5266      0.027       46.651
           2.849          1      5267      0.009       46.660
            2.85          4      5271      0.035       46.696
           2.851          2      5273      0.018       46.713
           2.852          6      5279      0.053       46.766
           2.853          2      5281      0.018       46.784
           2.855          7      5288      0.062       46.846
           2.856          2      5290      0.018       46.864
           2.857         16      5306      0.142       47.006
           2.858          2      5308      0.018       47.023
           2.859          3      5311      0.027       47.050
            2.86          3      5314      0.027       47.077
           2.861          1      5315      0.009       47.085
           2.862          1      5316      0.009       47.094
           2.863          3      5319      0.027       47.121
           2.864          2      5321      0.018       47.139
           2.865          1      5322      0.009       47.147
           2.866          4      5326      0.035       47.183
           2.867          7      5333      0.062       47.245
           2.868          3      5336      0.027       47.271
           2.869          2      5338      0.018       47.289
            2.87          4      5342      0.035       47.325
           2.871          4      5346      0.035       47.360
           2.872          5      5351      0.044       47.404
           2.873          2      5353      0.018       47.422
           2.874          2      5355      0.018       47.440
           2.875         11      5366      0.097       47.537
           2.878          1      5367      0.009       47.546
           2.879          3      5370      0.027       47.573
            2.88          4      5374      0.035       47.608
           2.882          6      5380      0.053       47.661
           2.883          1      5381      0.009       47.670
           2.884          2      5383      0.018       47.688
           2.885          4      5387      0.035       47.723
           2.886          4      5391      0.035       47.759
           2.887          4      5395      0.035       47.794
           2.888          2      5397      0.018       47.812
           2.889         15      5412      0.133       47.945
            2.89          2      5414      0.018       47.962
           2.891          3      5417      0.027       47.989
           2.892          1      5418      0.009       47.998
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                              SYNTHETIC GPA
GENGPA              FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
           2.893            7      5425      0.062       48.060
           2.894            3      5428      0.027       48.086
           2.895            9      5437      0.080       48.166
           2.896            1      5438      0.009       48.175
           2.897            2      5440      0.018       48.193
           2.898            3      5443      0.027       48.219
           2.899            2      5445      0.018       48.237
             2.9           10      5455      0.089       48.326
           2.901            2      5457      0.018       48.343
           2.902            3      5460      0.027       48.370
           2.903            5      5465      0.044       48.414
           2.904            3      5468      0.027       48.441
           2.905            4      5472      0.035       48.476
           2.906            3      5475      0.027       48.503
           2.907            4      5479      0.035       48.538
           2.908            5      5484      0.044       48.583
           2.909            8      5492      0.071       48.653
            2.91            1      5493      0.009       48.662
           2.912            3      5496      0.027       48.689
           2.913            2      5498      0.018       48.707
           2.914            1      5499      0.009       48.715
           2.915            5      5504      0.044       48.760
           2.916            1      5505      0.009       48.769
           2.917            8      5513      0.071       48.839
           2.918            4      5517      0.035       48.875
           2.919            4      5521      0.035       48.910
           2.921            4      5525      0.035       48.946
           2.922            5      5530      0.044       48.990
           2.923            6      5536      0.053       49.043
           2.924            3      5539      0.027       49.070
           2.925            5      5544      0.044       49.114
           2.926            1      5545      0.009       49.123
           2.927            3      5548      0.027       49.150
           2.928            3      5551      0.027       49.176
           2.929            6      5557      0.053       49.229
            2.93            1      5558      0.009       49.238
           2.931            3      5561      0.027       49.265
           2.932            3      5564      0.027       49.291
           2.933            8      5572      0.071       49.362
           2.934            1      5573      0.009       49.371
           2.935            6      5579      0.053       49.424
           2.936            1      5580      0.009       49.433
           2.937            2      5582      0.018       49.451
           2.938            5      5587      0.044       49.495
           2.939            7      5594      0.062       49.557
            2.94            3      5597      0.027       49.584
           2.941            4      5601      0.035       49.619
           2.942            2      5603      0.018       49.637
           2.944            5      5608      0.044       49.681
           2.946            4      5612      0.035       49.717
           2.947            4      5616      0.035       49.752
           2.948            1      5617      0.009       49.761
           2.949            1      5618      0.009       49.770
            2.95            7      5625      0.062       49.832
           2.951            1      5626      0.009       49.841
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                              SYNTHETIC GPA
GENGPA            FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
           2.952          4      5630     0.035       49.876
           2.953          1      5631     0.009       49.885
           2.954          1      5632     0.009       49.894
           2.955          2      5634     0.018       49.911
           2.956          1      5635     0.009       49.920
           2.957          6      5641     0.053       49.973
           2.958          2      5643     0.018       49.991
           2.959          2      5645     0.018       50.009
            2.96          5      5650     0.044       50.053
           2.962          3      5653     0.027       50.080
           2.963          4      5657     0.035       50.115
           2.964          2      5659     0.018       50.133
           2.965          4      5663     0.035       50.168
           2.966          1      5664     0.009       50.177
           2.967          1      5665     0.009       50.186
           2.968          5      5670     0.044       50.230
           2.969          3      5673     0.027       50.257
            2.97          6      5679     0.053       50.310
           2.971          3      5682     0.027       50.337
           2.972          1      5683     0.009       50.345
           2.973          3      5686     0.027       50.372
           2.974          5      5691     0.044       50.416
           2.975          3      5694     0.027       50.443
           2.976          4      5698     0.035       50.478
           2.977          1      5699     0.009       50.487
           2.978          2      5701     0.018       50.505
           2.979          3      5704     0.027       50.532
            2.98          4      5708     0.035       50.567
           2.982          4      5712     0.035       50.602
           2.983          1      5713     0.009       50.611
           2.984          5      5718     0.044       50.656
           2.985          4      5722     0.035       50.691
           2.986          4      5726     0.035       50.726
           2.987          2      5728     0.018       50.744
           2.988          2      5730     0.018       50.762
           2.989          1      5731     0.009       50.771
            2.99          2      5733     0.018       50.788
           2.991          4      5737     0.035       50.824
           2.992          2      5739     0.018       50.842
           2.993          1      5740     0.009       50.850
               3        307      6047     2.720       53.570
           3.007          1      6048     0.009       53.579
           3.008          6      6054     0.053       53.632
           3.009          1      6055     0.009       53.641
           3.011          3      6058     0.027       53.668
           3.013          1      6059     0.009       53.676
           3.014          1      6060     0.009       53.685
           3.015          3      6063     0.027       53.712
           3.016          2      6065     0.018       53.730
           3.017          4      6069     0.035       53.765
           3.018          4      6073     0.035       53.800
           3.019          1      6074     0.009       53.809
            3.02          2      6076     0.018       53.827
           3.021          4      6080     0.035       53.863
           3.023          2      6082     0.018       53.880
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                            SYNTHETIC GPA
GENGPA             FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
        3.024          7        6089      0.062       53.942
        3.025          5        6094      0.044       53.987
        3.026          3        6097      0.027       54.013
        3.027          2        6099      0.018       54.031
        3.028          2        6101      0.018       54.049
        3.029          5        6106      0.044       54.093
         3.03          5        6111      0.044       54.137
        3.031          3        6114      0.027       54.164
        3.032          4        6118      0.035       54.199
        3.033          3        6121      0.027       54.226
        3.034          3        6124      0.027       54.252
        3.035          3        6127      0.027       54.279
        3.036          5        6132      0.044       54.323
        3.037          1        6133      0.009       54.332
        3.038          3        6136      0.027       54.359
        3.039          1        6137      0.009       54.367
         3.04          2        6139      0.018       54.385
        3.042          6        6145      0.053       54.438
        3.043          3        6148      0.027       54.465
        3.044          1        6149      0.009       54.474
        3.045          2        6151      0.018       54.491
        3.046          1        6152      0.009       54.500
        3.047          5        6157      0.044       54.545
        3.048          6        6163      0.053       54.598
        3.049          2        6165      0.018       54.616
         3.05          4        6169      0.035       54.651
        3.051          5        6174      0.044       54.695
        3.052          1        6175      0.009       54.704
        3.053          4        6179      0.035       54.740
        3.054          3        6182      0.027       54.766
        3.055          3        6185      0.027       54.793
        3.056          3        6188      0.027       54.819
        3.057          1        6189      0.009       54.828
        3.058          2        6191      0.018       54.846
        3.059          5        6196      0.044       54.890
         3.06          6        6202      0.053       54.943
        3.061          2        6204      0.018       54.961
        3.062          2        6206      0.018       54.979
        3.063          4        6210      0.035       55.014
        3.064          1        6211      0.009       55.023
        3.065          3        6214      0.027       55.050
        3.066          1        6215      0.009       55.058
        3.067          5        6220      0.044       55.103
        3.068          3        6223      0.027       55.129
        3.069          5        6228      0.044       55.174
         3.07          2        6230      0.018       55.191
        3.071          3        6233      0.027       55.218
        3.072          2        6235      0.018       55.236
        3.073          4        6239      0.035       55.271
        3.074          3        6242      0.027       55.298
        3.075          6        6248      0.053       55.351
        3.076          1        6249      0.009       55.360
        3.077          7        6256      0.062       55.422
        3.078          2        6258      0.018       55.439
        3.079          3        6261      0.027       55.466
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                                SYNTHETIC GPA
GENGPA               FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          3.08               5      6266     0.044       55.510
         3.081               4      6270     0.035       55.546
         3.082               2      6272     0.018       55.563
         3.083               4      6276     0.035       55.599
         3.084               2      6278     0.018       55.617
         3.085               3      6281     0.027       55.643
         3.086               5      6286     0.044       55.687
         3.087               3      6289     0.027       55.714
         3.088               3      6292     0.027       55.741
          3.09               2      6294     0.018       55.758
         3.091               9      6303     0.080       55.838
         3.092               2      6305     0.018       55.856
         3.093               2      6307     0.018       55.873
         3.094               3      6310     0.027       55.900
         3.095               5      6315     0.044       55.944
         3.096               1      6316     0.009       55.953
         3.098               1      6317     0.009       55.962
           3.1               9      6326     0.080       56.042
         3.101               1      6327     0.009       56.051
         3.102               5      6332     0.044       56.095
         3.103               3      6335     0.027       56.122
         3.105               2      6337     0.018       56.139
         3.106               2      6339     0.018       56.157
         3.107               3      6342     0.027       56.184
         3.108               1      6343     0.009       56.192
         3.109               2      6345     0.018       56.210
         3.111              14      6359     0.124       56.334
         3.112               1      6360     0.009       56.343
         3.113               3      6363     0.027       56.370
         3.114               1      6364     0.009       56.378
         3.116               1      6365     0.009       56.387
         3.117               2      6367     0.018       56.405
         3.118               4      6371     0.035       56.440
         3.119               2      6373     0.018       56.458
          3.12               1      6374     0.009       56.467
         3.121               5      6379     0.044       56.511
         3.122               4      6383     0.035       56.547
         3.123               1      6384     0.009       56.556
         3.124               1      6385     0.009       56.564
         3.125               8      6393     0.071       56.635
         3.126               1      6394     0.009       56.644
         3.128               3      6397     0.027       56.671
         3.129               2      6399     0.018       56.689
          3.13               3      6402     0.027       56.715
         3.132               2      6404     0.018       56.733
         3.133               5      6409     0.044       56.777
         3.135               1      6410     0.009       56.786
         3.136               5      6415     0.044       56.830
         3.137               3      6418     0.027       56.857
         3.138               3      6421     0.027       56.883
         3.139               1      6422     0.009       56.892
         3.141               1      6423     0.009       56.901
         3.142               1      6424     0.009       56.910
         3.143               4      6428     0.035       56.945
         3.144               3      6431     0.027       56.972
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                           SYNTHETIC GPA
GENGPA           FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
         3.145           2       6433      0.018        56.990
         3.146           2       6435      0.018        57.007
         3.147           1       6436      0.009        57.016
         3.148           4       6440      0.035        57.052
         3.149           1       6441      0.009        57.061
          3.15           2       6443      0.018        57.078
         3.151           1       6444      0.009        57.087
         3.152           3       6447      0.027        57.114
         3.153           4       6451      0.035        57.149
         3.154           7       6458      0.062        57.211
         3.155           1       6459      0.009        57.220
         3.156           2       6461      0.018        57.238
         3.157           2       6463      0.018        57.255
         3.158           6       6469      0.053        57.309
         3.159           2       6471      0.018        57.326
          3.16           4       6475      0.035        57.362
         3.161           3       6478      0.027        57.388
         3.162           1       6479      0.009        57.397
         3.164           3       6482      0.027        57.424
         3.165           4       6486      0.035        57.459
         3.166           1       6487      0.009        57.468
         3.167          11       6498      0.097        57.566
         3.168           1       6499      0.009        57.574
         3.169           1       6500      0.009        57.583
          3.17           1       6501      0.009        57.592
         3.171           6       6507      0.053        57.645
         3.172           8       6515      0.071        57.716
         3.173           2       6517      0.018        57.734
         3.174           3       6520      0.027        57.760
         3.175           7       6527      0.062        57.822
         3.176           3       6530      0.027        57.849
         3.177           2       6532      0.018        57.867
         3.178           3       6535      0.027        57.893
         3.179           5       6540      0.044        57.938
          3.18           2       6542      0.018        57.955
         3.181           3       6545      0.027        57.982
         3.182           7       6552      0.062        58.044
         3.183           4       6556      0.035        58.079
         3.184           3       6559      0.027        58.106
         3.187           3       6562      0.027        58.133
         3.188           5       6567      0.044        58.177
         3.189           3       6570      0.027        58.203
          3.19           2       6572      0.018        58.221
         3.191           2       6574      0.018        58.239
         3.192           1       6575      0.009        58.248
         3.193           1       6576      0.009        58.257
         3.194           1       6577      0.009        58.265
         3.195           1       6578      0.009        58.274
         3.196           4       6582      0.035        58.310
         3.198           2       6584      0.018        58.327
           3.2          13       6597      0.115        58.443
         3.202           1       6598      0.009        58.451
         3.203           3       6601      0.027        58.478
         3.204           2       6603      0.018        58.496
         3.205           1       6604      0.009        58.505
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                            SYNTHETIC GPA
GENGPA         FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
        3.206          2      6606      0.018       58.522
        3.208          4      6610      0.035       58.558
         3.21          1      6611      0.009       58.567
        3.211          2      6613      0.018       58.584
        3.212          1      6614      0.009       58.593
        3.213          2      6616      0.018       58.611
        3.214          6      6622      0.053       58.664
        3.215          1      6623      0.009       58.673
        3.217          5      6628      0.044       58.717
        3.219          5      6633      0.044       58.762
         3.22          1      6634      0.009       58.770
        3.221          2      6636      0.018       58.788
        3.222          5      6641      0.044       58.832
        3.224          1      6642      0.009       58.841
        3.225          2      6644      0.018       58.859
        3.226          4      6648      0.035       58.894
        3.227          2      6650      0.018       58.912
        3.228          3      6653      0.027       58.939
        3.229          3      6656      0.027       58.965
         3.23          2      6658      0.018       58.983
        3.231          7      6665      0.062       59.045
        3.232          2      6667      0.018       59.063
        3.233          4      6671      0.035       59.098
        3.234          1      6672      0.009       59.107
        3.235          2      6674      0.018       59.125
        3.236          2      6676      0.018       59.142
        3.237          4      6680      0.035       59.178
        3.238          4      6684      0.035       59.213
        3.239          1      6685      0.009       59.222
         3.24          7      6692      0.062       59.284
        3.241          3      6695      0.027       59.311
        3.242          6      6701      0.053       59.364
        3.243          4      6705      0.035       59.399
        3.244          3      6708      0.027       59.426
        3.245          1      6709      0.009       59.435
        3.246          2      6711      0.018       59.453
        3.247          3      6714      0.027       59.479
        3.248          5      6719      0.044       59.523
        3.249          1      6720      0.009       59.532
         3.25         33      6753      0.292       59.825
        3.252          2      6755      0.018       59.842
        3.253          2      6757      0.018       59.860
        3.254          3      6760      0.027       59.887
        3.256          4      6764      0.035       59.922
        3.257          1      6765      0.009       59.931
        3.258          6      6771      0.053       59.984
        3.259          4      6775      0.035       60.019
         3.26          2      6777      0.018       60.037
        3.261          3      6780      0.027       60.064
        3.263          4      6784      0.035       60.099
        3.264          1      6785      0.009       60.108
        3.266          3      6788      0.027       60.135
        3.267          4      6792      0.035       60.170
        3.268          3      6795      0.027       60.197
        3.269          3      6798      0.027       60.223
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                           SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
       3.27          3       6801       0.027       60.250
      3.271          2       6803       0.018       60.268
      3.272          2       6805       0.018       60.285
      3.273          5       6810       0.044       60.330
      3.274          3       6813       0.027       60.356
      3.275          4       6817       0.035       60.392
      3.276          5       6822       0.044       60.436
      3.277          1       6823       0.009       60.445
      3.278          6       6829       0.053       60.498
      3.279          3       6832       0.027       60.524
       3.28          3       6835       0.027       60.551
      3.282          2       6837       0.018       60.569
      3.283          2       6839       0.018       60.586
      3.284          2       6841       0.018       60.604
      3.285          3       6844       0.027       60.631
      3.286          9       6853       0.080       60.710
      3.287          2       6855       0.018       60.728
      3.289          4       6859       0.035       60.764
       3.29          3       6862       0.027       60.790
      3.292          1       6863       0.009       60.799
      3.293          1       6864       0.009       60.808
      3.294          3       6867       0.027       60.835
      3.295          1       6868       0.009       60.843
      3.296          2       6870       0.018       60.861
      3.297          2       6872       0.018       60.879
      3.298          1       6873       0.009       60.888
      3.299          3       6876       0.027       60.914
        3.3          5       6881       0.044       60.959
      3.301          1       6882       0.009       60.967
      3.302          1       6883       0.009       60.976
      3.303          3       6886       0.027       61.003
      3.304          2       6888       0.018       61.021
      3.305          1       6889       0.009       61.029
      3.306          5       6894       0.044       61.074
      3.307          2       6896       0.018       61.091
      3.308          5       6901       0.044       61.136
      3.309          2       6903       0.018       61.153
       3.31          3       6906       0.027       61.180
      3.311          2       6908       0.018       61.198
      3.313          7       6915       0.062       61.260
      3.314          2       6917       0.018       61.277
      3.315          2       6919       0.018       61.295
      3.316          2       6921       0.018       61.313
      3.317          3       6924       0.027       61.339
      3.318          4       6928       0.035       61.375
      3.319          2       6930       0.018       61.393
       3.32          1       6931       0.009       61.401
      3.321          2       6933       0.018       61.419
      3.322          2       6935       0.018       61.437
      3.323          2       6937       0.018       61.455
      3.324          1       6938       0.009       61.464
      3.325          1       6939       0.009       61.472
      3.326          2       6941       0.018       61.490
      3.327          6       6947       0.053       61.543
      3.328          1       6948       0.009       61.552
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                         SYNTHETIC GPA
GENGPA           FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
        3.33             2      6950      0.018       61.570
       3.333            32      6982      0.283       61.853
       3.336             2      6984      0.018       61.871
       3.337             1      6985      0.009       61.880
       3.338             2      6987      0.018       61.898
       3.339             2      6989      0.018       61.915
       3.341             2      6991      0.018       61.933
       3.342             1      6992      0.009       61.942
       3.343             2      6994      0.018       61.960
       3.344             2      6996      0.018       61.977
       3.346             1      6997      0.009       61.986
       3.348             1      6998      0.009       61.995
       3.349             1      6999      0.009       62.004
        3.35             1      7000      0.009       62.013
       3.351             1      7001      0.009       62.022
       3.353             1      7002      0.009       62.030
       3.355             2      7004      0.018       62.048
       3.356             2      7006      0.018       62.066
       3.357             3      7009      0.027       62.092
       3.359             1      7010      0.009       62.101
        3.36             6      7016      0.053       62.155
       3.361             4      7020      0.035       62.190
       3.362             2      7022      0.018       62.208
       3.363             1      7023      0.009       62.217
       3.364             7      7030      0.062       62.279
       3.365             2      7032      0.018       62.296
       3.367             2      7034      0.018       62.314
       3.368             5      7039      0.044       62.358
       3.369             1      7040      0.009       62.367
        3.37             1      7041      0.009       62.376
       3.371             1      7042      0.009       62.385
       3.374             1      7043      0.009       62.394
       3.375             5      7048      0.044       62.438
       3.376             4      7052      0.035       62.473
       3.377             1      7053      0.009       62.482
       3.378             1      7054      0.009       62.491
       3.381             3      7057      0.027       62.518
       3.382             1      7058      0.009       62.527
       3.383             1      7059      0.009       62.535
       3.384             2      7061      0.018       62.553
       3.385             5      7066      0.044       62.597
       3.387             3      7069      0.027       62.624
       3.389             2      7071      0.018       62.642
        3.39             2      7073      0.018       62.659
       3.391             7      7080      0.062       62.721
       3.392             1      7081      0.009       62.730
       3.393             1      7082      0.009       62.739
       3.395             2      7084      0.018       62.757
       3.396             1      7085      0.009       62.766
       3.397             1      7086      0.009       62.775
         3.4            12      7098      0.106       62.881
       3.402             1      7099      0.009       62.890
       3.403             2      7101      0.018       62.908
       3.404             4      7105      0.035       62.943
       3.405             3      7108      0.027       62.970
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                            SYNTHETIC GPA
GENGPA               FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         3.406              6      7114      0.053       63.023
         3.407              3      7117      0.027       63.049
         3.408              1      7118      0.009       63.058
         3.409              2      7120      0.018       63.076
          3.41              2      7122      0.018       63.094
         3.412              4      7126      0.035       63.129
         3.413              2      7128      0.018       63.147
         3.414              1      7129      0.009       63.156
         3.415              2      7131      0.018       63.173
         3.416              1      7132      0.009       63.182
         3.417              5      7137      0.044       63.226
         3.418              1      7138      0.009       63.235
         3.419              1      7139      0.009       63.244
         3.421              1      7140      0.009       63.253
         3.422              2      7142      0.018       63.271
         3.423              1      7143      0.009       63.280
         3.424              2      7145      0.018       63.297
         3.425              2      7147      0.018       63.315
         3.426              3      7150      0.027       63.342
         3.427              1      7151      0.009       63.350
         3.429              8      7159      0.071       63.421
         3.431              4      7163      0.035       63.457
         3.432              2      7165      0.018       63.474
         3.433              3      7168      0.027       63.501
         3.435              1      7169      0.009       63.510
         3.436              1      7170      0.009       63.519
         3.438              6      7176      0.053       63.572
         3.439              2      7178      0.018       63.590
          3.44              3      7181      0.027       63.616
         3.441              2      7183      0.018       63.634
         3.442              1      7184      0.009       63.643
         3.443              3      7187      0.027       63.669
         3.444              8      7195      0.071       63.740
         3.445              1      7196      0.009       63.749
         3.448              2      7198      0.018       63.767
          3.45              3      7201      0.027       63.793
         3.452              1      7202      0.009       63.802
         3.453              2      7204      0.018       63.820
         3.454              1      7205      0.009       63.829
         3.455              6      7211      0.053       63.882
         3.456              1      7212      0.009       63.891
         3.458              1      7213      0.009       63.900
         3.459              3      7216      0.027       63.926
          3.46              1      7217      0.009       63.935
         3.462              5      7222      0.044       63.979
         3.463              1      7223      0.009       63.988
         3.464              2      7225      0.018       64.006
         3.465              2      7227      0.018       64.024
         3.466              2      7229      0.018       64.041
         3.467              6      7235      0.053       64.095
         3.468              2      7237      0.018       64.112
         3.472              1      7238      0.009       64.121
         3.473              3      7241      0.027       64.148
         3.474              2      7243      0.018       64.165
         3.475              3      7246      0.027       64.192
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                              SYNTHETIC GPA
GENGPA                FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
             3.476            1      7247      0.009       64.201
             3.478            3      7250      0.027       64.227
             3.479            1      7251      0.009       64.236
              3.48            2      7253      0.018       64.254
             3.482            2      7255      0.018       64.272
             3.483            5      7260      0.044       64.316
             3.485            1      7261      0.009       64.325
             3.486            3      7264      0.027       64.352
             3.487            1      7265      0.009       64.360
             3.488            2      7267      0.018       64.378
             3.489            2      7269      0.018       64.396
              3.49            1      7270      0.009       64.405
             3.492            1      7271      0.009       64.414
             3.494            1      7272      0.009       64.422
             3.498            1      7273      0.009       64.431
               3.5           50      7323      0.443       64.874
             3.504            3      7326      0.027       64.901
             3.505            1      7327      0.009       64.910
             3.506            1      7328      0.009       64.918
             3.507            1      7329      0.009       64.927
             3.508            1      7330      0.009       64.936
             3.509            3      7333      0.027       64.963
             3.511            2      7335      0.018       64.981
             3.512            5      7340      0.044       65.025
             3.513            2      7342      0.018       65.043
             3.515            2      7344      0.018       65.060
             3.516            1      7345      0.009       65.069
             3.519            2      7347      0.018       65.087
              3.52            2      7349      0.018       65.105
             3.521            1      7350      0.009       65.113
             3.522            1      7351      0.009       65.122
             3.524            3      7354      0.027       65.149
             3.526            3      7357      0.027       65.175
             3.527            2      7359      0.018       65.193
             3.529            1      7360      0.009       65.202
              3.53            1      7361      0.009       65.211
             3.531            2      7363      0.018       65.229
             3.532            1      7364      0.009       65.237
             3.533            3      7367      0.027       65.264
             3.535            1      7368      0.009       65.273
             3.536            2      7370      0.018       65.291
             3.538            3      7373      0.027       65.317
             3.539            1      7374      0.009       65.326
              3.54            1      7375      0.009       65.335
             3.541            3      7378      0.027       65.361
             3.542            3      7381      0.027       65.388
             3.543            2      7383      0.018       65.406
             3.544            1      7384      0.009       65.415
             3.545            2      7386      0.018       65.432
             3.547            1      7387      0.009       65.441
             3.552            4      7391      0.035       65.477
             3.554            2      7393      0.018       65.494
             3.556            4      7397      0.035       65.530
             3.557            1      7398      0.009       65.539
             3.558            1      7399      0.009       65.547
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                            SYNTHETIC GPA
GENGPA           FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
          3.559          2      7401      0.018       65.565
           3.56          1      7402      0.009       65.574
          3.561          2      7404      0.018       65.592
          3.563          5      7409      0.044       65.636
          3.564          1      7410      0.009       65.645
          3.567          1      7411      0.009       65.654
          3.568          1      7412      0.009       65.663
          3.569          1      7413      0.009       65.672
           3.57          2      7415      0.018       65.689
          3.571         10      7425      0.089       65.778
          3.574          3      7428      0.027       65.804
          3.577          1      7429      0.009       65.813
           3.58          1      7430      0.009       65.822
          3.581          3      7433      0.027       65.849
          3.582          1      7434      0.009       65.858
          3.583          1      7435      0.009       65.866
          3.584          3      7438      0.027       65.893
          3.585          1      7439      0.009       65.902
          3.586          3      7442      0.027       65.928
          3.587          2      7444      0.018       65.946
          3.588          3      7447      0.027       65.973
          3.589          1      7448      0.009       65.982
           3.59          1      7449      0.009       65.990
          3.591          4      7453      0.035       66.026
          3.592          1      7454      0.009       66.035
          3.593          1      7455      0.009       66.044
          3.595          1      7456      0.009       66.052
          3.598          2      7458      0.018       66.070
            3.6         10      7468      0.089       66.159
          3.601          1      7469      0.009       66.168
          3.602          1      7470      0.009       66.176
          3.603          1      7471      0.009       66.185
          3.604          1      7472      0.009       66.194
          3.605          1      7473      0.009       66.203
          3.606          2      7475      0.018       66.221
          3.607          3      7478      0.027       66.247
          3.608          2      7480      0.018       66.265
          3.609          1      7481      0.009       66.274
          3.611          3      7484      0.027       66.300
          3.612          1      7485      0.009       66.309
          3.613          1      7486      0.009       66.318
          3.614          2      7488      0.018       66.336
          3.615          1      7489      0.009       66.345
          3.616          2      7491      0.018       66.363
          3.617          2      7493      0.018       66.380
          3.618          1      7494      0.009       66.389
          3.619          2      7496      0.018       66.407
          3.621          2      7498      0.018       66.425
          3.622          1      7499      0.009       66.433
          3.623          1      7500      0.009       66.442
          3.625          4      7504      0.035       66.478
          3.628          1      7505      0.009       66.487
           3.63          1      7506      0.009       66.495
          3.632          4      7510      0.035       66.531
          3.633          1      7511      0.009       66.540
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                                SYNTHETIC GPA
GENGPA               FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
         3.634               1      7512      0.009       66.549
         3.636               2      7514      0.018       66.566
         3.638               1      7515      0.009       66.575
          3.64               2      7517      0.018       66.593
         3.641               1      7518      0.009       66.602
         3.643               3      7521      0.027       66.628
         3.644               1      7522      0.009       66.637
         3.645               3      7525      0.027       66.664
         3.646               1      7526      0.009       66.673
         3.647               3      7529      0.027       66.699
         3.649               2      7531      0.018       66.717
          3.65               2      7533      0.018       66.735
         3.651               1      7534      0.009       66.743
         3.652               1      7535      0.009       66.752
         3.654               2      7537      0.018       66.770
         3.655               1      7538      0.009       66.779
          3.66               1      7539      0.009       66.788
         3.661               1      7540      0.009       66.797
         3.666               1      7541      0.009       66.805
         3.667              21      7562      0.186       66.991
         3.669               1      7563      0.009       67.000
          3.67               1      7564      0.009       67.009
         3.671               1      7565      0.009       67.018
         3.672               1      7566      0.009       67.027
         3.679               3      7569      0.027       67.054
          3.68               1      7570      0.009       67.062
         3.683               3      7573      0.027       67.089
         3.684               3      7576      0.027       67.116
         3.687               2      7578      0.018       67.133
         3.689               3      7581      0.027       67.160
          3.69               1      7582      0.009       67.169
         3.691               1      7583      0.009       67.178
         3.692               3      7586      0.027       67.204
         3.694               1      7587      0.009       67.213
         3.696               2      7589      0.018       67.231
         3.698               1      7590      0.009       67.240
           3.7               5      7595      0.044       67.284
         3.704               1      7596      0.009       67.293
         3.705               1      7597      0.009       67.302
         3.707               1      7598      0.009       67.310
         3.708               4      7602      0.035       67.346
         3.709               1      7603      0.009       67.355
          3.71               3      7606      0.027       67.381
         3.711               3      7609      0.027       67.408
         3.712               1      7610      0.009       67.417
         3.713               3      7613      0.027       67.443
         3.714               5      7618      0.044       67.488
         3.715               3      7621      0.027       67.514
         3.716               1      7622      0.009       67.523
         3.717               2      7624      0.018       67.541
         3.719               2      7626      0.018       67.558
         3.721               2      7628      0.018       67.576
         3.723               2      7630      0.018       67.594
         3.724               1      7631      0.009       67.603
         3.725               1      7632      0.009       67.612
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                              SYNTHETIC GPA
GENGPA            FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         3.726            3      7635     0.027       67.638
         3.727            6      7641     0.053       67.691
         3.729            3      7644     0.027       67.718
          3.73            2      7646     0.018       67.736
         3.732            3      7649     0.027       67.762
         3.733            5      7654     0.044       67.807
         3.734            1      7655     0.009       67.815
         3.735            2      7657     0.018       67.833
         3.736            1      7658     0.009       67.842
         3.737            4      7662     0.035       67.877
         3.738            2      7664     0.018       67.895
         3.739            1      7665     0.009       67.904
          3.74            1      7666     0.009       67.913
         3.741            2      7668     0.018       67.931
         3.742            2      7670     0.018       67.948
         3.743            1      7671     0.009       67.957
          3.75            8      7679     0.071       68.028
         3.752            2      7681     0.018       68.046
         3.758            1      7682     0.009       68.055
          3.76            1      7683     0.009       68.063
         3.763            2      7685     0.018       68.081
         3.765            4      7689     0.035       68.117
         3.767            1      7690     0.009       68.125
         3.769            4      7694     0.035       68.161
          3.77            1      7695     0.009       68.170
         3.772            1      7696     0.009       68.179
         3.774            1      7697     0.009       68.187
         3.776            2      7699     0.018       68.205
         3.778            4      7703     0.035       68.241
          3.78            1      7704     0.009       68.249
         3.781            2      7706     0.018       68.267
         3.782            1      7707     0.009       68.276
         3.784            1      7708     0.009       68.285
         3.785            1      7709     0.009       68.294
         3.786            3      7712     0.027       68.320
         3.788            2      7714     0.018       68.338
         3.791            1      7715     0.009       68.347
         3.793            1      7716     0.009       68.356
         3.795            1      7717     0.009       68.365
         3.797            1      7718     0.009       68.373
         3.799            1      7719     0.009       68.382
           3.8           11      7730     0.097       68.480
         3.802            2      7732     0.018       68.498
         3.807            1      7733     0.009       68.506
         3.809            1      7734     0.009       68.515
          3.81            2      7736     0.018       68.533
         3.811            1      7737     0.009       68.542
         3.813            3      7740     0.027       68.568
         3.814            1      7741     0.009       68.577
         3.816            1      7742     0.009       68.586
         3.817            1      7743     0.009       68.595
         3.818            1      7744     0.009       68.604
         3.819            1      7745     0.009       68.613
          3.82            1      7746     0.009       68.622
         3.821            5      7751     0.044       68.666
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                              SYNTHETIC GPA
GENGPA            FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          3.825          1      7752      0.009       68.675
          3.826          2      7754      0.018       68.692
          3.827          2      7756      0.018       68.710
          3.828          1      7757      0.009       68.719
          3.829          1      7758      0.009       68.728
           3.83          1      7759      0.009       68.737
          3.831          2      7761      0.018       68.754
          3.833          4      7765      0.035       68.790
          3.835          1      7766      0.009       68.799
          3.839          1      7767      0.009       68.808
           3.84          1      7768      0.009       68.816
          3.841          2      7770      0.018       68.834
          3.842          1      7771      0.009       68.843
          3.846          2      7773      0.018       68.861
          3.851          1      7774      0.009       68.870
          3.853          1      7775      0.009       68.878
          3.856          1      7776      0.009       68.887
          3.857          6      7782      0.053       68.940
          3.864          2      7784      0.018       68.958
          3.867          2      7786      0.018       68.976
          3.868          2      7788      0.018       68.994
          3.869          1      7789      0.009       69.002
          3.873          1      7790      0.009       69.011
          3.875          3      7793      0.027       69.038
          3.878          3      7796      0.027       69.064
          3.879          1      7797      0.009       69.073
          3.883          1      7798      0.009       69.082
          3.884          1      7799      0.009       69.091
          3.886          2      7801      0.018       69.109
          3.887          1      7802      0.009       69.118
          3.895          2      7804      0.018       69.135
          3.896          1      7805      0.009       69.144
          3.897          2      7807      0.018       69.162
            3.9          2      7809      0.018       69.180
          3.901          1      7810      0.009       69.189
          3.902          1      7811      0.009       69.197
          3.903          3      7814      0.027       69.224
          3.904          1      7815      0.009       69.233
          3.908          1      7816      0.009       69.242
          3.909          2      7818      0.018       69.259
          3.911          1      7819      0.009       69.268
          3.912          2      7821      0.018       69.286
          3.914          2      7823      0.018       69.304
          3.915          1      7824      0.009       69.313
          3.917          2      7826      0.018       69.330
          3.923          2      7828      0.018       69.348
          3.933          1      7829      0.009       69.357
          3.936          1      7830      0.009       69.366
          3.937          1      7831      0.009       69.375
          3.939          2      7833      0.018       69.392
          3.942          1      7834      0.009       69.401
          3.944          1      7835      0.009       69.410
          3.946          2      7837      0.018       69.428
          3.949          1      7838      0.009       69.437
           3.95          2      7840      0.018       69.454
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                          SYNTHETIC GPA
GENGPA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          3.952         2      7842     0.018       69.472
          3.953         1      7843     0.009       69.481
          3.955         1      7844     0.009       69.490
          3.956         1      7845     0.009       69.499
          3.957         1      7846     0.009       69.507
          3.958         1      7847     0.009       69.516
           3.96         1      7848     0.009       69.525
          3.961         1      7849     0.009       69.534
          3.963         1      7850     0.009       69.543
          3.968         1      7851     0.009       69.552
          3.971         1      7852     0.009       69.561
          3.974         1      7853     0.009       69.569
          3.984         1      7854     0.009       69.578
          3.991         1      7855     0.009       69.587
              4       200      8055     1.772       71.359
MISSING/ZERO         3233     11288    28.641      100.000
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                         TOT  CRED. ATTEMPTED
TCREDA             FREQUENCY  CUM FREQ  PERCENT  CUM PERCENT

              1           26        26    0.230        0.230
              2           38        64    0.337        0.567
              3          232       296    2.055        2.622
              4           83       379    0.735        3.358
              5           52       431    0.461        3.818
              6          193       624    1.710        5.528
              7           58       682    0.514        6.042
              8           78       760    0.691        6.733
              9          146       906    1.293        8.026
             10           83       989    0.735        8.762
             11           60      1049    0.532        9.293
             12          189      1238    1.674       10.967
             13          112      1350    0.992       11.960
             14           87      1437    0.771       12.730
             15          136      1573    1.205       13.935
             16          106      1679    0.939       14.874
             17           54      1733    0.478       15.353
             18           88      1821    0.780       16.132
             19           59      1880    0.523       16.655
             20           50      1930    0.443       17.098
             21           65      1995    0.576       17.674
             22           63      2058    0.558       18.232
             23           51      2109    0.452       18.684
             24          101      2210    0.895       19.578
             25           85      2295    0.753       20.331
             26           95      2390    0.842       21.173
             27          118      2508    1.045       22.218
             28          115      2623    1.019       23.237
             29           99      2722    0.877       24.114
             30          123      2845    1.090       25.204
             31           93      2938    0.824       26.028
             32           93      3031    0.824       26.852
             33          100      3131    0.886       27.737
             34           66      3197    0.585       28.322
             35           61      3258    0.540       28.863
             36           83      3341    0.735       29.598
             37           50      3391    0.443       30.041
             38           66      3457    0.585       30.625
             39           77      3534    0.682       31.308
             40           62      3596    0.549       31.857
             41           55      3651    0.487       32.344
             42           53      3704    0.470       32.814
             43           47      3751    0.416       33.230
             44           58      3809    0.514       33.744
             45           67      3876    0.594       34.337
             46           69      3945    0.611       34.949
             47           53      3998    0.470       35.418
             48           60      4058    0.532       35.950
             49           60      4118    0.532       36.481
             50           44      4162    0.390       36.871
             51           50      4212    0.443       37.314
             52           43      4255    0.381       37.695
             53           33      4288    0.292       37.987
             54           59      4347    0.523       38.510
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                           TOT  CRED. ATTEMPTED
TCREDA           FREQUENCY  CUM FREQ   PERCENT   CUM PERCENT
          55            50      4397     0.443        38.953
          56            62      4459     0.549        39.502
          57            65      4524     0.576        40.078
          58            61      4585     0.540        40.618
          59            53      4638     0.470        41.088
          60            71      4709     0.629        41.717
          61            68      4777     0.602        42.319
          62            67      4844     0.594        42.913
          63            84      4928     0.744        43.657
          64            82      5010     0.726        44.383
          65            61      5071     0.540        44.924
          66            72      5143     0.638        45.562
          67            57      5200     0.505        46.067
          68            66      5266     0.585        46.651
          69            65      5331     0.576        47.227
          70            47      5378     0.416        47.644
          71            58      5436     0.514        48.157
          72            56      5492     0.496        48.653
          73            38      5530     0.337        48.990
          74            46      5576     0.408        49.398
          75            46      5622     0.408        49.805
          76            42      5664     0.372        50.177
          77            40      5704     0.354        50.532
          78            37      5741     0.328        50.859
          79            38      5779     0.337        51.196
          80            28      5807     0.248        51.444
          81            38      5845     0.337        51.781
          82            37      5882     0.328        52.108
          83            44      5926     0.390        52.498
          84            31      5957     0.275        52.773
          85            29      5986     0.257        53.030
          86            28      6014     0.248        53.278
          87            36      6050     0.319        53.597
          88            48      6098     0.425        54.022
          89            38      6136     0.337        54.358
          90            49      6185     0.434        54.793
          91            40      6225     0.354        55.147
          92            24      6249     0.213        55.360
          93            37      6286     0.328        55.687
          94            29      6315     0.257        55.944
          95            26      6341     0.230        56.175
          96            38      6379     0.337        56.511
          97            37      6416     0.328        56.839
          98            26      6442     0.230        57.069
          99            32      6474     0.283        57.353
         100            36      6510     0.319        57.672
         101            29      6539     0.257        57.929
         102            21      6560     0.186        58.115
         103            35      6595     0.310        58.425
         104            34      6629     0.301        58.726
         105            27      6656     0.239        58.965
         106            35      6691     0.310        59.275
         107            35      6726     0.310        59.585
         108            30      6756     0.266        59.851
         109            44      6800     0.390        60.241
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                      TOT. CRED. ATTEMPTED
TCREDA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          110          32      6832     0.283       60.524
          111          37      6869     0.328       60.852
          112          23      6892     0.204       61.056
          113          31      6923     0.275       61.331
          114          36      6959     0.319       61.650
          115          34      6993     0.301       61.951
          116          31      7024     0.275       62.225
          117          47      7071     0.416       62.642
          118          38      7109     0.337       62.978
          119          33      7142     0.292       63.271
          120          48      7190     0.425       63.696
          121          45      7235     0.399       64.095
          122          60      7295     0.532       64.626
          123          69      7364     0.611       65.237
          124          55      7419     0.487       65.725
          125          42      7461     0.372       66.097
          126          49      7510     0.434       66.531
          127          49      7559     0.434       66.965
          128          47      7606     0.416       67.381
          129          45      7651     0.399       67.780
          130          41      7692     0.363       68.143
          131          52      7744     0.461       68.604
          132          42      7786     0.372       68.976
          133          38      7824     0.337       69.313
          134          33      7857     0.292       69.605
          135          30      7887     0.266       69.871
          136          27      7914     0.239       70.110
          137          23      7937     0.204       70.314
          138          15      7952     0.133       70.446
          139          15      7967     0.133       70.579
          140          25      7992     0.221       70.801
          141          11      8003     0.097       70.898
          142          16      8019     0.142       71.040
          143          22      8041     0.195       71.235
          144          17      8058     0.151       71.386
          145          13      8071     0.115       71.501
          146          18      8089     0.159       71.660
          147           3      8092     0.027       71.687
          148          17      8109     0.151       71.837
          149          10      8119     0.089       71.926
          150           7      8126     0.062       71.988
          151          16      8142     0.142       72.130
          152           6      8148     0.053       72.183
          153          10      8158     0.089       72.271
          154          12      8170     0.106       72.378
          155           5      8175     0.044       72.422
          156           4      8179     0.035       72.457
          157          14      8193     0.124       72.582
          158           8      8201     0.071       72.652
          159           5      8206     0.044       72.697
          160           7      8213     0.062       72.759
          161           6      8219     0.053       72.812
          162           2      8221     0.018       72.830
          163           6      8227     0.053       72.883
          164          10      8237     0.089       72.971
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                         TOT. CRED. ATTEMPTED
TCREDA          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
          165           4      8241     0.035       73.007
          166           3      8244     0.027       73.033
          167           6      8250     0.053       73.086
          168           4      8254     0.035       73.122
          169           8      8262     0.071       73.193
          170           5      8267     0.044       73.237
          171           7      8274     0.062       73.299
          172           5      8279     0.044       73.343
          173           7      8286     0.062       73.405
          174           6      8292     0.053       73.459
          175           6      8298     0.053       73.512
          176          10      8308     0.089       73.600
          177           2      8310     0.018       73.618
          178           6      8316     0.053       73.671
          179           7      8323     0.062       73.733
          180           8      8331     0.071       73.804
          181          11      8342     0.097       73.901
          182           6      8348     0.053       73.955
          184           7      8355     0.062       74.017
          185           9      8364     0.080       74.096
          186           6      8370     0.053       74.150
          187           6      8376     0.053       74.203
          188           2      8378     0.018       74.220
          189           5      8383     0.044       74.265
          190           5      8388     0.044       74.309
          191           6      8394     0.053       74.362
          192           6      8400     0.053       74.415
          193           5      8405     0.044       74.460
          194           4      8409     0.035       74.495
          195           3      8412     0.027       74.522
          196           6      8418     0.053       74.575
          197           3      8421     0.027       74.601
          198           4      8425     0.035       74.637
          199           2      8427     0.018       74.655
          200           2      8429     0.018       74.672
          201           3      8432     0.027       74.699
          202           6      8438     0.053       74.752
          203           3      8441     0.027       74.779
          204           2      8443     0.018       74.796
          205           3      8446     0.027       74.823
          206           1      8447     0.009       74.832
          207           1      8448     0.009       74.841
          209           1      8449     0.009       74.849
          210           2      8451     0.018       74.867
          212           1      8452     0.009       74.876
          213           2      8454     0.018       74.894
          214           3      8457     0.027       74.920
          215           1      8458     0.009       74.929
          216           1      8459     0.009       74.938
          219           1      8460     0.009       74.947
          220           1      8461     0.009       74.956
          222           1      8462     0.009       74.965
          223           1      8463     0.009       74.973
          224           1      8464     0.009       74.982
          228           1      8465     0.009       74.991
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                        TOT. CRED. ATTEMPTED
TCREDA           FREQUENCY   CUM FREQ     PERCENT   CUM PERCENT
         229             2       8467       0.018        75.009
         232             1       8468       0.009        75.018
         233             1       8469       0.009        75.027
         237             2       8471       0.018        75.044
         240             1       8472       0.009        75.053
         271             1       8473       0.009        75.062
         298             1       8474       0.009        75.071
         319             1       8475       0.009        75.080
*MISS/NONE            2813      11288      24.920       100.000
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                        TOT. CRED. EARNED
TCREDE         FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

           1        55        55     0.487        0.487
           2        58       113     0.514        1.001
           3       300       413     2.658        3.659
           4       115       528     1.019        4.678
           5        72       600     0.638        5.315
           6       243       843     2.153        7.468
           7        79       922     0.700        8.168
           8        90      1012     0.797        8.965
           9       189      1201     1.674       10.640
          10       120      1321     1.063       11.703
          11        68      1389     0.602       12.305
          12       188      1577     1.665       13.971
          13       109      1686     0.966       14.936
          14        75      1761     0.664       15.601
          15       129      1890     1.143       16.743
          16       107      1997     0.948       17.691
          17        75      2072     0.664       18.356
          18       106      2178     0.939       19.295
          19        69      2247     0.611       19.906
          20        77      2324     0.682       20.588
          21        88      2412     0.780       21.368
          22        70      2482     0.620       21.988
          23        71      2553     0.629       22.617
          24        90      2643     0.797       23.414
          25        83      2726     0.735       24.150
          26        82      2808     0.726       24.876
          27        94      2902     0.833       25.709
          28        91      2993     0.806       26.515
          29        77      3070     0.682       27.197
          30        92      3162     0.815       28.012
          31        92      3254     0.815       28.827
          32        85      3339     0.753       29.580
          33        92      3431     0.815       30.395
          34        70      3501     0.620       31.015
          35        64      3565     0.567       31.582
          36        77      3642     0.682       32.264
          37        49      3691     0.434       32.698
          38        59      3750     0.523       33.221
          39        55      3805     0.487       33.708
          40        55      3860     0.487       34.196
          41        58      3918     0.514       34.709
          42        50      3968     0.443       35.152
          43        44      4012     0.390       35.542
          44        41      4053     0.363       35.905
          45        63      4116     0.558       36.464
          46        66      4182     0.585       37.048
          47        63      4245     0.558       37.606
          48        69      4314     0.611       38.218
          49        58      4372     0.514       38.731
          50        42      4414     0.372       39.103
          51        49      4463     0.434       39.538
          52        46      4509     0.408       39.945
          53        32      4541     0.283       40.229
          54        59      4600     0.523       40.751
```

```
                          TOT. CRED. EARNED
TCREDE          FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
           55          47      4647     0.416       41.168
           56          63      4710     0.558       41.726
           57          59      4769     0.523       42.248
           58          48      4817     0.425       42.674
           59          51      4868     0.452       43.125
           60          83      4951     0.735       43.861
           61          68      5019     0.602       44.463
           62          62      5081     0.549       45.012
           63          88      5169     0.780       45.792
           64          76      5245     0.673       46.465
           65          69      5314     0.611       47.077
           66          63      5377     0.558       47.635
           67          62      5439     0.549       48.184
           68          61      5500     0.540       48.724
           69          62      5562     0.549       49.274
           70          43      5605     0.381       49.655
           71          41      5646     0.363       50.018
           72          58      5704     0.514       50.532
           73          42      5746     0.372       50.904
           74          42      5788     0.372       51.276
           75          37      5825     0.328       51.603
           76          31      5856     0.275       51.878
           77          31      5887     0.275       52.153
           78          25      5912     0.221       52.374
           79          28      5940     0.248       52.622
           80          29      5969     0.257       52.879
           81          35      6004     0.310       53.189
           82          30      6034     0.266       53.455
           83          42      6076     0.372       53.827
           84          36      6112     0.319       54.146
           85          18      6130     0.159       54.305
           86          25      6155     0.221       54.527
           87          38      6193     0.337       54.864
           88          31      6224     0.275       55.138
           89          30      6254     0.266       55.404
           90          47      6301     0.416       55.820
           91          30      6331     0.266       56.086
           92          25      6356     0.221       56.308
           93          42      6398     0.372       56.680
           94          21      6419     0.186       56.866
           95          24      6443     0.213       57.078
           96          28      6471     0.248       57.326
           97          27      6498     0.239       57.566
           98          18      6516     0.159       57.725
           99          24      6540     0.213       57.938
          100          36      6576     0.319       58.257
          101          25      6601     0.221       58.478
          102          27      6628     0.239       58.717
          103          28      6656     0.248       58.965
          104          31      6687     0.275       59.240
          105          20      6707     0.177       59.417
          106          31      6738     0.275       59.692
          107          25      6763     0.221       59.913
          108          24      6787     0.213       60.126
          109          31      6818     0.275       60.400
```

```
                         TOT. CRED. EARNED
TCREDE             FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
           110            26      6844      0.230        60.631
           111            39      6883      0.345        60.976
           112            32      6915      0.283        61.260
           113            36      6951      0.319        61.579
           114            37      6988      0.328        61.906
           115            36      7024      0.319        62.225
           116            35      7059      0.310        62.535
           117            45      7104      0.399        62.934
           118            48      7152      0.425        63.359
           119            34      7186      0.301        63.661
           120            65      7251      0.576        64.236
           121            47      7298      0.416        64.653
           122            55      7353      0.487        65.140
           123            45      7398      0.399        65.539
           124            50      7448      0.443        65.982
           125            31      7479      0.275        66.256
           126            35      7514      0.310        66.566
           127            35      7549      0.310        66.876
           128            54      7603      0.478        67.355
           129            45      7648      0.399        67.753
           130            40      7688      0.354        68.108
           131            32      7720      0.283        68.391
           132            35      7755      0.310        68.701
           133            29      7784      0.257        68.958
           134            24      7808      0.213        69.171
           135            20      7828      0.177        69.348
           136            22      7850      0.195        69.543
           137            18      7868      0.159        69.702
           138            12      7880      0.106        69.809
           139            13      7893      0.115        69.924
           140             9      7902      0.080        70.004
           141            10      7912      0.089        70.092
           142             8      7920      0.071        70.163
           143            12      7932      0.106        70.269
           144             5      7937      0.044        70.314
           145             9      7946      0.080        70.393
           146            11      7957      0.097        70.491
           147             8      7965      0.071        70.562
           148            18      7983      0.159        70.721
           149             4      7987      0.035        70.757
           150             6      7993      0.053        70.810
           151             8      8001      0.071        70.881
           152             4      8005      0.035        70.916
           153             6      8011      0.053        70.969
           154             7      8018      0.062        71.031
           155             4      8022      0.035        71.067
           156             4      8026      0.035        71.102
           157             9      8035      0.080        71.182
           158             8      8043      0.071        71.253
           159             3      8046      0.027        71.279
           160             2      8048      0.018        71.297
           161             7      8055      0.062        71.359
           162            10      8065      0.089        71.448
           163             7      8072      0.062        71.510
           164             7      8079      0.062        71.572
```

```
                     TOT. CRED. EARNED
TCREDE        FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
         165          5      8084     0.044       71.616
         166          7      8091     0.062       71.678
         167          5      8096     0.044       71.722
         168          5      8101     0.044       71.766
         169          6      8107     0.053       71.820
         170          6      8113     0.053       71.873
         171          9      8122     0.080       71.953
         172          5      8127     0.044       71.997
         173          4      8131     0.035       72.032
         174          3      8134     0.027       72.059
         175          8      8142     0.071       72.130
         176         11      8153     0.097       72.227
         177          1      8154     0.009       72.236
         178          2      8156     0.018       72.254
         179          5      8161     0.044       72.298
         180          7      8168     0.062       72.360
         181          5      8173     0.044       72.404
         182          1      8174     0.009       72.413
         183          2      8176     0.018       72.431
         184         10      8186     0.089       72.519
         185          7      8193     0.062       72.582
         186          7      8200     0.062       72.644
         187          7      8207     0.062       72.706
         188          2      8209     0.018       72.723
         189          2      8211     0.018       72.741
         190          4      8215     0.035       72.776
         191          2      8217     0.018       72.794
         192          5      8222     0.044       72.838
         193          6      8228     0.053       72.892
         194          2      8230     0.018       72.909
         195          2      8232     0.018       72.927
         196          1      8233     0.009       72.936
         197          1      8234     0.009       72.945
         198          2      8236     0.018       72.962
         199          4      8240     0.035       72.998
         200          1      8241     0.009       73.007
         201          1      8242     0.009       73.016
         202          4      8246     0.035       73.051
         204          2      8248     0.018       73.069
         205          1      8249     0.009       73.078
         207          1      8250     0.009       73.086
         208          2      8252     0.018       73.104
         209          1      8253     0.009       73.113
         210          1      8254     0.009       73.122
         211          1      8255     0.009       73.131
         214          1      8256     0.009       73.140
         215          1      8257     0.009       73.148
         216          1      8258     0.009       73.157
         217          1      8259     0.009       73.166
         220          1      8260     0.009       73.175
         223          1      8261     0.009       73.184
         234          1      8262     0.009       73.193
         271          1      8263     0.009       73.202
         298          1      8264     0.009       73.210
         319          1      8265     0.009       73.219
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                    TOT. CRED. EARNED
TCREDE          FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
*MISS/NONE        3023       11288      26.781      100.000
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                 RECORD TYPE INDICATR
RECTYPE3   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

TERM         51730      51730    100.000      100.000


                   TRANSCRIPT NUMBER
TRANSNUM   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

       1     38585      38585     74.589       74.589
       2     10995      49580     21.255       95.844
       3      1916      51496      3.704       99.548
       4       226      51722      0.437       99.985
       5         8      51730      0.015      100.000


                   TERM # ON TRNSCRPT
 TERMNUM   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

       1      9384       9384     18.140       18.140
       2      7997      17381     15.459       33.599
       3      6797      24178     13.139       46.739
       4      5885      30063     11.376       58.115
       5      4976      35039      9.619       67.734
       6      4241      39280      8.198       75.933
       7      3523      42803      6.810       82.743
       8      2943      45746      5.689       88.432
       9      2159      47905      4.174       92.606
      10      1501      49406      2.902       95.507
      11      1010      50416      1.952       97.460
      12       647      51063      1.251       98.711
      13       360      51423      0.696       99.407
      14       181      51604      0.350       99.756
      15        63      51667      0.122       99.878
      16        21      51688      0.041       99.919
      17         9      51697      0.017       99.936
      18         8      51705      0.015       99.952
      19         6      51711      0.012       99.963
      20         4      51715      0.008       99.971
      21         4      51719      0.008       99.979
      22         3      51722      0.006       99.985
      23         1      51723      0.002       99.986
      24         1      51724      0.002       99.988
      25         1      51725      0.002       99.990
      26         1      51726      0.002       99.992
      27         1      51727      0.002       99.994
      28         1      51728      0.002       99.996
      29         1      51729      0.002       99.998
      30         1      51730      0.002      100.000
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               TERM-LEVEL FILE FREQUENCIES                    10:32 THURSDAY, AUGUST 15, 1985  379

                        DATE OF TERM (YYMM)
SORTDATE     FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT

    7809          22          22      0.043        0.043
    7899           6          28      0.012        0.054
    7901          35          63      0.068        0.122
    7904          10          73      0.019        0.141
    7905           3          76      0.006        0.147
    7906          56         132      0.108        0.255
    7907          16         148      0.031        0.286
    7908           2         150      0.004        0.290
    7909         134         284      0.259        0.549
    7910           3         287      0.006        0.555
    7911           2         289      0.004        0.559
    7912           5         294      0.010        0.568
    7999          24         318      0.046        0.615
    8001         257         575      0.497        1.112
    8002           5         580      0.010        1.121
    8003           4         584      0.008        1.129
    8004          45         629      0.087        1.216
    8005          27         656      0.052        1.268
    8006         398        1054      0.769        2.038
    8007         140        1194      0.271        2.308
    8008          46        1240      0.089        2.397
    8009        5784        7024     11.181       13.578
    8010          88        7112      0.170       13.748
    8011          19        7131      0.037       13.785
    8012          32        7163      0.062       13.847
    8099         239        7402      0.462       14.309
    8101        5664       13066     10.949       25.258
    8102          27       13093      0.052       25.310
    8103          21       13114      0.041       25.351
    8104        1346       14460      2.602       27.953
    8105          26       14486      0.050       28.003
    8106        1071       15557      2.070       30.073
    8107         443       16000      0.856       30.930
    8108          29       16029      0.056       30.986
    8109        5260       21289     10.168       41.154
    8110          26       21315      0.050       41.204
    8111          10       21325      0.019       41.224
    8112          13       21338      0.025       41.249
    8199          83       21421      0.160       41.409
    8201        5199       26620     10.050       51.460
    8202          22       26642      0.043       51.502
    8203          22       26664      0.043       51.545
    8204        1144       27808      2.211       53.756
    8205          32       27840      0.062       53.818
    8206        1157       28997      2.237       56.055
    8207         432       29429      0.835       56.890
    8208          12       29441      0.023       56.913
    8209        4456       33897      8.614       65.527
    8210          21       33918      0.041       65.567
    8211           9       33927      0.017       65.585
    8212           7       33934      0.014       65.598
    8299          74       34008      0.143       65.741
    8301        4353       38361      8.415       74.156
    8302          13       38374      0.025       74.181
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                    TERM-LEVEL FILE FREQUENCIES                  10:32 THURSDAY, AUGUST 15, 1985  380

                               DATE OF TERM (YYMM)
            SORTDATE    FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT
                8303           17     38391      0.033       74.214
                8304          926     39317      1.790       76.004
                8305           35     39352      0.068       76.072
                8306         1244     40596      2.405       78.477
                8307          394     40990      0.762       79.238
                8308           20     41010      0.039       79.277
                8309         3881     44891      7.502       86.779
                8310           14     44905      0.027       86.806
                8311            9     44914      0.017       86.824
                8312            8     44922      0.015       86.839
                8399           44     44966      0.085       86.924
                8401         3690     48656      7.133       94.058
                8402            5     48661      0.010       94.067
                8403           11     48672      0.021       94.089
                8404          705     49377      1.363       95.451
                8405           26     49403      0.050       95.502
                8406          637     50040      1.231       96.733
                8407          178     50218      0.344       97.077
                8408            2     50220      0.004       97.081
                8409          159     50379      0.307       97.388
                8410            2     50381      0.004       97.392
                8412            1     50382      0.002       97.394
                8499           20     50402      0.039       97.433
                9999         1328     51730      2.567      100.000


                               TR CRSES IN TRNSCRPT
            TRANSFER    FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

            NO              48805     48805     94.346       94.346
            YES              2925     51730      5.654      100.000


                                  TYPE OF TERM
        TERMTYPE        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

        VAR/NONCOURSE        1748      1748      3.379        3.379
        SEMESTER            33683     35431     65.113       68.492
        TRIMESTER             592     36023      1.144       69.637
        QUARTER             14385     50408     27.808       97.444
        TEST                  464     50872      0.897       98.341
        UNDATED               857     51729      1.657       99.998
        MISSING                 1     51730      0.002      100.000
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          TERM-LEVEL FILE FREQUENCIES                10:32 THURSDAY, AUGUST 15, 1985  381

                    # OF CRSES THIS TERM
    COURSES   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

          1       6490       6490    12.546      12.546
          2       4841      11331     9.358      21.904
          3       6096      17427    11.784      33.688
          4      11429      28856    22.094      55.782
          5      11966      40822    23.132      78.914
          6       6581      47403    12.722      91.635
          7       2351      49754     4.545      96.180
          8        925      50679     1.788      97.968
          9        360      51039     0.696      98.664
         10        211      51250     0.408      99.072
         11        113      51363     0.218      99.291
         12         67      51430     0.130      99.420
         13         32      51462     0.062      99.482
         14         34      51496     0.066      99.548
         15         23      51519     0.044      99.592
         16         26      51545     0.050      99.642
         17         22      51567     0.043      99.685
         18         22      51589     0.043      99.727
         19         21      51610     0.041      99.768
         20         21      51631     0.041      99.809
         21         21      51652     0.041      99.849
         22         18      51670     0.035      99.884
         23         17      51687     0.033      99.917
         24          9      51696     0.017      99.934
         25          7      51703     0.014      99.948
         26          8      51711     0.015      99.963
         27          4      51715     0.008      99.971
         28          2      51717     0.004      99.975
         29          2      51719     0.004      99.979
         30          2      51721     0.004      99.983
         31          1      51722     0.002      99.985
         32          3      51725     0.006      99.990
         33          1      51726     0.002      99.992
         34          1      51727     0.002      99.994
         35          1      51728     0.002      99.996
         40          1      51729     0.002      99.998
         60          1      51730     0.002     100.000
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                           TERM START MONTH
STARTMON      FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

JANUARY           19190     19190     37.096       37.096
FEBRUARY             71     19261      0.137       37.234
MARCH                67     19328      0.130       37.363
APRIL              4175     23503      8.071       45.434
MAY                 128     23631      0.247       45.681
JUNE               4543     28174      8.782       54.464
JULY               1599     29773      3.091       57.555
AUGUST               98     29871      0.189       57.744
SEPTEMBER         19692     49563     38.067       95.811
OCTOBER             146     49709      0.282       96.093
NOVEMBER             45     49754      0.087       96.180
DECEMBER             56     49810      0.108       96.288
MISSING            1920     51730      3.712      100.000


                           TERM START YEAR
  STARTYR     FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

   1978              28        28      0.054        0.054
   1979             287       315      0.555        0.609
   1980            7068      7383     13.663       14.272
   1981           13992     21375     27.048       41.320
   1982           12559     33934     24.278       65.598
   1983           10938     44872     21.144       86.743
   1984            5428     50300     10.493       97.236
  MISSING          1430     51730      2.764      100.000


                            TERM END MONTH
ENDMON        FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

JANUARY             237       237      0.458        0.458
FEBRUARY             89       326      0.172        0.630
MARCH              4650      4976      8.989        9.619
APRIL                75      5051      0.145        9.764
MAY               14528     19579     28.084       37.848
JUNE               4320     23899      8.351       46.199
JULY                 71     23970      0.137       46.337
AUGUST             6087     30057     11.767       58.104
SEPTEMBER           100     30157      0.193       58.297
OCTOBER             136     30293      0.263       58.560
NOVEMBER             54     30347      0.104       58.664
DECEMBER          19522     49869     37.738       96.402
MISSING            1861     51730      3.598      100.000
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                        TERM END YEAR
 ENDYR       FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT

 1978             24        24        0.046         0.046
 1979            264       288        0.510         0.557
 1980           6704      6992       12.960        13.516
 1981          14112     21104       27.280        40.796
 1982          12735     33839       24.618        65.415
 1983          11055     44894       21.371        86.785
 1984           5465     50359       10.564        97.350
 MISSING        1371     51730        2.650       100.000


                     SEASON OF THIS TERM
 SEASON      FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT

 FALL          19464     19464       37.626        37.626
 WINTER         4933     24397        9.536        47.162
 SPRING        18114     42511       35.016        82.179
 SUMMER         6000     48511       11.599        93.777
 MISSING        3219     51730        6.223       100.000


                      GRADE SCALE TYPE
GRADCODE     FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT

LETTER         50953     50953       98.498        98.498
NUMERIC          776     51729        1.500        99.998
MISSING            1     51730        0.002       100.000


                     PASSING GRADE (NUM)
PASSGRAD     FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT

       1         577       577        1.115         1.115
       2          16       593        0.031         1.146
      60          11       604        0.021         1.168
      65          21       625        0.041         1.208
      69          11       636        0.021         1.229
      70         106       742        0.205         1.434
      75          15       757        0.029         1.463
      80          11       768        0.021         1.485
     999       50962     51730       98.515       100.000


                     SCALE HIGHEST GRADE
HIGHGRAD     FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT

       4         576       576        1.113         1.113
     100         175       751        0.338         1.452
     999       50979     51730       98.548       100.000
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                         SCALE LOWEST GRADE
LOWGRAD    FREQUENCY  CUM FREQ    PERCENT  CUM PERCENT

      0          764       764      1.477        1.477
     70            1       765      0.002        1.479
    999        50965     51730     98.521      100.000
```

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                 RECORD TYPE INDICATR
RECTYPE4   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

COURSE     216426     216426     100.000      100.000

                  TRANSCRIPT NUMBER
TRANSNUM   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

       1    161677    161677      74.703       74.703
       2     46007    207684      21.258       95.961
       3      7812    215496       3.610       99.570
       4       895    216391       0.414       99.984
       5        35    216426       0.016      100.000


                  TERM # ON TRNSCRPT
 TERMNUM   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

       1     42173     42173      19.486       19.486
       2     35416     77589      16.364       35.850
       3     27981    105570      12.929       48.779
       4     24982    130552      11.543       60.322
       5     20641    151193       9.537       69.859
       6     17612    168805       8.138       77.997
       7     13738    182543       6.348       84.344
       8     11809    194352       5.456       89.801
       9      8438    202790       3.899       93.699
      10      5492    208282       2.538       96.237
      11      3600    211882       1.663       97.900
      12      2343    214225       1.083       98.983
      13      1217    215442       0.562       99.545
      14       623    216065       0.288       99.833
      15       176    216241       0.081       99.915
      16        73    216314       0.034       99.948
      17        25    216339       0.012       99.960
      18        19    216358       0.009       99.968
      19        12    216370       0.006       99.974
      20        12    216382       0.006       99.980
      21         8    216390       0.004       99.983
      22        16    216406       0.007       99.991
      23         1    216407       0.000       99.991
      24         1    216408       0.000       99.992
      25         5    216413       0.002       99.994
      26         5    216418       0.002       99.996
      27         3    216421       0.001       99.998
      28         3    216424       0.001       99.999
      29         1    216425       0.000      100.000
      30         1    216426       0.000      100.000
```

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                       CRSE CREDITS POSSIBL
CRSECRED    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT

       0         5987       5987      2.766         2.766
    0.05            8       5995      0.004         2.770
     0.1            7       6002      0.003         2.773
    0.12            4       6006      0.002         2.775
    0.15            2       6008      0.001         2.776
    0.16            5       6013      0.002         2.778
    0.17            4       6017      0.002         2.780
     0.2           13       6030      0.006         2.786
    0.22            3       6033      0.001         2.788
    0.25          110       6143      0.051         2.838
    0.26            1       6144      0.000         2.839
     0.3           31       6175      0.014         2.853
    0.33           13       6188      0.006         2.859
     0.4            4       6192      0.002         2.861
    0.45            5       6197      0.002         2.863
     0.5         1497       7694      0.692         3.555
    0.51            1       7695      0.000         3.555
    0.55            2       7697      0.001         3.556
     0.6           19       7716      0.009         3.565
    0.65            2       7718      0.001         3.566
    0.66           33       7751      0.015         3.581
    0.67           85       7836      0.039         3.621
     0.7           21       7857      0.010         3.630
    0.75           32       7889      0.015         3.645
     0.8           18       7907      0.008         3.653
    0.83            1       7908      0.000         3.654
    0.85            2       7910      0.001         3.655
    0.87            1       7911      0.000         3.655
    0.88            2       7913      0.001         3.656
    0.89           21       7934      0.010         3.666
     0.9            5       7939      0.002         3.668
    0.92            3       7942      0.001         3.670
       1        23926      31868     11.055        14.725
    1.05           33      31901      0.015        14.740
     1.2            4      31905      0.002        14.742
    1.22            1      31906      0.000        14.742
    1.25           13      31919      0.006        14.748
    1.28            2      31921      0.001        14.749
     1.3           35      31956      0.016        14.765
    1.33           66      32022      0.030        14.796
    1.34            2      32024      0.001        14.797
     1.4            2      32026      0.001        14.798
     1.5          718      32744      0.332        15.129
     1.6           43      32787      0.020        15.149
    1.66            1      32788      0.000        15.150
    1.67            9      32797      0.004        15.154
    1.76            2      32799      0.001        15.155
    1.92            4      32803      0.002        15.157
       2        14372      47175      6.641        21.797
    2.01           13      47188      0.006        21.803
    2.04            1      47189      0.000        21.804
    2.05            1      47190      0.000        21.804
    2.09            1      47191      0.000        21.805
     2.2            1      47192      0.000        21.805
```

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                    CRSE CREDITS POSSIBL
CRSECRED    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
    2.25            4      47196      0.002        21.807
     2.3            2      47198      0.001        21.808
     2.5          243      47441      0.112        21.920
     2.6          134      47575      0.062        21.982
    2.66           73      47648      0.034        22.016
    2.67          238      47886      0.110        22.126
    2.68            2      47888      0.001        22.127
     2.7           64      47952      0.030        22.156
    2.74            1      47953      0.000        22.157
    2.75           10      47963      0.005        22.161
     2.8            2      47965      0.001        22.162
     2.9            4      47969      0.002        22.164
       3       110936     158905     51.258        73.422
     3.1            1     158906      0.000        73.423
     3.2            3     158909      0.001        73.424
    3.25            9     158918      0.004        73.428
     3.3          132     159050      0.061        73.489
    3.33          195     159245      0.090        73.579
    3.34            1     159246      0.000        73.580
    3.35            2     159248      0.001        73.581
    3.38            1     159249      0.000        73.581
     3.4            3     159252      0.001        73.583
     3.5          192     159444      0.089        73.671
    3.66            1     159445      0.000        73.672
    3.67            7     159452      0.003        73.675
     3.7           22     159474      0.010        73.685
    3.75            2     159476      0.001        73.686
       4        32199     191675     14.878        88.564
    4.05            3     191678      0.001        88.565
    4.09            1     191679      0.000        88.566
     4.2            1     191680      0.000        88.566
    4.44            2     191682      0.001        88.567
     4.5          807     192489      0.373        88.940
    4.66            1     192490      0.000        88.940
     4.8            3     192493      0.001        88.942
       5        10653     203146      4.922        93.864
     5.2            2     203148      0.001        93.865
    5.25            2     203150      0.001        93.866
     5.3            5     203155      0.002        93.868
    5.33            3     203158      0.001        93.869
     5.4            1     203159      0.000        93.870
     5.5           11     203170      0.005        93.875
     5.9            1     203171      0.000        93.876
       6         1471     204642      0.680        94.555
     6.5            1     204643      0.000        94.556
     6.6            1     204644      0.000        94.556
       7          242     204886      0.112        94.668
    7.33            1     204887      0.000        94.668
     7.5           29     204916      0.013        94.682
       8          410     205326      0.189        94.871
     8.5            4     205330      0.002        94.873
    8.75            1     205331      0.000        94.874
       9          239     205570      0.110        94.984
    9.99            4     205574      0.002        94.986
      10          222     205796      0.103        95.088
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                   CRSE CREDITS POSSIBL
CRSECRED    FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
    10.1            1    205797     0.000       95.089
    10.5            6    205803     0.003       95.092
    10.6            2    205805     0.001       95.093
    10.7            3    205808     0.001       95.094
      11           53    205861     0.024       95.118
    11.1            1    205862     0.000       95.119
    11.2            1    205863     0.000       95.119
    11.4            1    205864     0.000       95.120
      12          220    206084     0.102       95.221
    12.5            9    206093     0.004       95.226
      13           20    206113     0.009       95.235
    13.3            1    206114     0.000       95.235
    13.4            1    206115     0.000       95.236
    13.5            3    206118     0.001       95.237
    13.6            1    206119     0.000       95.238
    13.8            1    206120     0.000       95.238
      14           29    206149     0.013       95.251
      15           72    206221     0.033       95.285
      16           12    206233     0.006       95.290
      17            5    206238     0.002       95.293
      18           34    206272     0.016       95.308
      19            3    206275     0.001       95.310
    19.5            1    206276     0.000       95.310
      20           64    206340     0.030       95.340
    20.5            1    206341     0.000       95.340
      21            4    206345     0.002       95.342
    21.5            1    206346     0.000       95.343
      22           10    206356     0.005       95.347
      23            4    206360     0.002       95.349
      24           13    206373     0.006       95.355
      25           20    206393     0.009       95.364
    25.5            1    206394     0.000       95.365
      26           15    206409     0.007       95.372
      27            2    206411     0.001       95.373
    27.5            1    206412     0.000       95.373
      28            2    206414     0.001       95.374
      29            1    206415     0.000       95.374
      30          120    206535     0.055       95.430
      31            1    206536     0.000       95.430
    31.5            1    206537     0.000       95.431
      32            3    206540     0.001       95.432
    32.5            1    206541     0.000       95.433
      33            4    206545     0.002       95.434
      34            5    206550     0.002       95.437
      35           18    206568     0.008       95.445
      36            9    206577     0.004       95.449
      37            4    206581     0.002       95.451
    37.5            1    206582     0.000       95.452
      39            3    206585     0.001       95.453
      40           26    206611     0.012       95.465
    40.5            1    206612     0.000       95.465
      41            3    206615     0.001       95.467
      42            8    206623     0.004       95.471
      43            3    206626     0.001       95.472
      45           25    206651     0.012       95.483
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          COURSE-LEVEL FILE FREQUENCIES                10:32 THURSDAY, AUGUST 15, 1985  389

                         CRSE CREDITS POSSIBL
CRSECRED    FREQUENCY   CUM FREQ    PERCENT  CUM PERCENT
    45.3            1     206652      0.000       95.484
      46            4     206656      0.002       95.486
      47            4     206660      0.002       95.488
      48           22     206682      0.010       95.498
      49            3     206685      0.001       95.499
      50           54     206739      0.025       95.524
      51            4     206743      0.002       95.526
      52           22     206765      0.010       95.536
      53            1     206766      0.000       95.537
      54            6     206772      0.003       95.539
      55           34     206806      0.016       95.555
      56            5     206811      0.002       95.557
      57            3     206814      0.001       95.559
      58            2     206816      0.001       95.560
      60          131     206947      0.061       95.620
      61            3     206950      0.001       95.622
      62            3     206953      0.001       95.623
      63            2     206955      0.001       95.624
      65           10     206965      0.005       95.629
      66            3     206968      0.001       95.630
      67            9     206977      0.004       95.634
      68            1     206978      0.000       95.635
      69            2     206980      0.001       95.635
      70            5     206985      0.002       95.638
      72            9     206994      0.004       95.642
      75           65     207059      0.030       95.672
      76            1     207060      0.000       95.672
      77            5     207065      0.002       95.675
      78           12     207077      0.006       95.680
      79            1     207078      0.000       95.681
      80            8     207086      0.004       95.684
      81            2     207088      0.001       95.685
    81.2            1     207089      0.000       95.686
      82            1     207090      0.000       95.686
      84            3     207093      0.001       95.688
      85            2     207095      0.001       95.689
      87            3     207098      0.001       95.690
      88            4     207102      0.002       95.692
      89            1     207103      0.000       95.692
      90           31     207134      0.014       95.707
    91.5            2     207136      0.001       95.708
      92            1     207137      0.000       95.708
      93            1     207138      0.000       95.708
      94            2     207140      0.001       95.709
      96            1     207141      0.000       95.710
     100           27     207168      0.012       95.722
     102            1     207169      0.000       95.723
     103            1     207170      0.000       95.723
     104           13     207183      0.006       95.729
     105            6     207189      0.003       95.732
     106            1     207190      0.000       95.732
     107            1     207191      0.000       95.733
     108            4     207195      0.002       95.735
     110            8     207203      0.004       95.738
     111            1     207204      0.000       95.739
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                     CRSE CREDITS POSSIBL
CRSECRED   FREQUENCY  CUM FREQ    PERCENT   CUM PERCENT
     112          4    207208      0.002        95.741
     114          2    207210      0.001        95.742
     117          2    207212      0.001        95.743
     118          2    207214      0.001        95.744
     119          2    207216      0.001        95.745
     120         25    207241      0.012        95.756
     121          3    207244      0.001        95.757
     122          1    207245      0.000        95.758
     123          4    207249      0.002        95.760
     125          2    207251      0.001        95.761
     126          1    207252      0.000        95.761
     128          1    207253      0.000        95.762
     130          5    207258      0.002        95.764
     132          2    207260      0.001        95.765
     133          1    207261      0.000        95.765
     134          1    207262      0.000        95.766
     135          3    207265      0.001        95.767
     136          2    207267      0.001        95.768
     137          1    207268      0.000        95.769
     138          1    207269      0.000        95.769
     140          4    207273      0.002        95.771
     141          1    207274      0.000        95.771
     144          5    207279      0.002        95.774
     145          1    207280      0.000        95.774
     147          1    207281      0.000        95.775
     150         26    207307      0.012        95.787
     154          1    207308      0.000        95.787
     155          1    207309      0.000        95.787
     156          1    207310      0.000        95.788
     157          1    207311      0.000        95.788
     160          4    207315      0.002        95.790
     165          1    207316      0.000        95.791
     170          2    207318      0.001        95.792
     175          1    207319      0.000        95.792
     180          7    207326      0.003        95.795
     181          1    207327      0.000        95.796
     184          1    207328      0.000        95.796
     188          1    207329      0.000        95.797
     190          4    207333      0.002        95.799
     195          2    207335      0.001        95.799
     198          2    207337      0.001        95.800
     200          3    207340      0.001        95.802
     204          1    207341      0.000        95.802
     210          2    207343      0.001        95.803
     212          2    207345      0.001        95.804
     214          1    207346      0.000        95.805
     216          2    207348      0.001        95.805
     219          1    207349      0.000        95.806
     221          1    207350      0.000        95.806
     225          4    207354      0.002        95.808
     228          1    207355      0.000        95.809
     232          5    207360      0.002        95.811
     234          1    207361      0.000        95.812
     235          1    207362      0.000        95.812
     240          5    207367      0.002        95.814
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                      CRSE CREDITS POSSIBL
CRSECRED    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
     243            1     207368      0.000        95.815
     246            1     207369      0.000        95.815
     250            3     207372      0.001        95.817
     255            1     207373      0.000        95.817
     256            1     207374      0.000        95.818
     258            1     207375      0.000        95.818
     260            1     207376      0.000        95.818
     264            1     207377      0.000        95.819
     270           17     207394      0.008        95.827
     298            2     207396      0.001        95.828
     300            6     207402      0.003        95.830
     302            1     207403      0.000        95.831
     303            4     207407      0.002        95.833
     312            1     207408      0.000        95.833
     320           10     207418      0.005        95.838
     330            2     207420      0.001        95.839
     341            1     207421      0.000        95.839
     342            6     207427      0.003        95.842
     345            2     207429      0.001        95.843
     350            2     207431      0.001        95.844
     360            5     207436      0.002        95.846
     362            1     207437      0.000        95.847
     372            1     207438      0.000        95.847
     382            1     207439      0.000        95.848
     397            1     207440      0.000        95.848
     400            3     207443      0.001        95.849
     410            1     207444      0.000        95.850
     418            1     207445      0.000        95.850
     420            1     207446      0.000        95.851
     421            1     207447      0.000        95.851
     422            1     207448      0.000        95.852
     425            1     207449      0.000        95.852
     440            1     207450      0.000        95.853
     467            1     207451      0.000        95.853
 999.999         8975     216426      4.147       100.000
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                  LETTR GRADE FOR CRSE
CRSGRADA   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

A              41135     41135    19.006       19.006
A+               259     41394     0.120       19.126
A-              3901     45295     1.802       20.929
AU               121     45416     0.056       20.985
B              50975     96391    23.553       44.538
B+              5289    101680     2.444       46.981
B-              3728    105408     1.723       48.704
C              41573    146981    19.209       67.913
C+              3997    150978     1.847       69.760
C-              1900    152878     0.878       70.638
CR              2927    155805     1.352       71.990
D              13166    168971     6.083       78.073
D+               877    169848     0.405       78.479
D-               332    170180     0.153       78.632
E                424    170604     0.196       78.828
F               9514    180118     4.396       83.224
I               1102    181220     0.509       83.733
NO              4486    185706     2.073       85.806
P               4860    190566     2.246       88.051
S               1825    192391     0.843       88.895
U                316    192707     0.146       89.041
W              11692    204399     5.402       94.443
WF               327    204726     0.151       94.594
WP               755    205481     0.349       94.943
99             10945    216426     5.057      100.000
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                  NUMER GRADE FOR CRSE
CRSGRADB   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

       0        169       169      0.078        0.078
     0.7          6       175      0.003        0.081
     0.8          1       176      0.000        0.081
       1        138       314      0.064        0.145
     1.1          1       315      0.000        0.146
     1.2          7       322      0.003        0.149
     1.3          9       331      0.004        0.153
    1.32          1       332      0.000        0.153
     1.4          7       339      0.003        0.157
     1.5        119       458      0.055        0.212
     1.6          8       466      0.004        0.215
     1.7         23       489      0.011        0.226
     1.8         13       502      0.006        0.232
    1.85          1       503      0.000        0.232
     1.9          9       512      0.004        0.237
    1.95          1       513      0.000        0.237
       2        360       873      0.166        0.403
     2.1         11       884      0.005        0.408
    2.12          4       888      0.002        0.410
    2.15          1       889      0.000        0.411
     2.2         19       908      0.009        0.420
    2.21          1       909      0.000        0.420
    2.24          1       910      0.000        0.420
     2.3         19       929      0.009        0.429
    2.31          1       930      0.000        0.430
    2.34          1       931      0.000        0.430
    2.35          1       932      0.000        0.431
     2.4         23       955      0.011        0.441
    2.45          2       957      0.001        0.442
    2.49          1       958      0.000        0.443
     2.5        307      1265      0.142        0.584
    2.53          3      1268      0.001        0.586
    2.54          1      1269      0.000        0.586
    2.56          2      1271      0.001        0.587
    2.58          1      1272      0.000        0.588
    2.59          1      1273      0.000        0.588
     2.6         29      1302      0.013        0.602
    2.61          1      1303      0.000        0.602
    2.62          1      1304      0.000        0.603
    2.64          2      1306      0.001        0.603
     2.7         36      1342      0.017        0.620
    2.71          2      1344      0.001        0.621
    2.72          1      1345      0.000        0.621
    2.73          1      1346      0.000        0.622
     2.8         35      1381      0.016        0.638
    2.83          1      1382      0.000        0.639
    2.84          1      1383      0.000        0.639
    2.87          4      1387      0.002        0.641
    2.88          1      1388      0.000        0.641
    2.89          1      1389      0.000        0.642
     2.9         35      1424      0.016        0.658
    2.94          2      1426      0.001        0.659
    2.95          1      1427      0.000        0.659
       3        575      2002      0.266        0.925
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                  NUMER GRADE FOR CRSE
CRSGRADB   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
    3.03           1      2003     0.000        0.925
    3.04           2      2005     0.001        0.926
    3.08           2      2007     0.001        0.927
     3.1          38      2045     0.018        0.945
    3.14           3      2048     0.001        0.946
    3.15           1      2049     0.000        0.947
    3.16           1      2050     0.000        0.947
     3.2          55      2105     0.025        0.973
    3.21           1      2106     0.000        0.973
    3.23           1      2107     0.000        0.974
    3.25           1      2108     0.000        0.974
    3.26           2      2110     0.001        0.975
    3.29           1      2111     0.000        0.975
     3.3          68      2179     0.031        1.007
    3.31           2      2181     0.001        1.008
    3.32           2      2183     0.001        1.009
    3.33           2      2185     0.001        1.010
    3.34           4      2189     0.002        1.011
    3.35           1      2190     0.000        1.012
    3.37           2      2192     0.001        1.013
    3.39           2      2194     0.001        1.014
     3.4          54      2248     0.025        1.039
    3.41           1      2249     0.000        1.039
    3.42           2      2251     0.001        1.040
    3.47           2      2253     0.001        1.041
    3.48           3      2256     0.001        1.042
     3.5         418      2674     0.193        1.236
    3.52           1      2675     0.000        1.236
    3.55           3      2678     0.001        1.237
    3.57           1      2679     0.000        1.238
    3.58           1      2680     0.000        1.238
     3.6          65      2745     0.030        1.268
    3.61           1      2746     0.000        1.269
    3.62           2      2748     0.001        1.270
    3.65           1      2749     0.000        1.270
    3.67           2      2751     0.001        1.271
     3.7          62      2813     0.029        1.300
    3.72           2      2815     0.001        1.301
    3.75           4      2819     0.002        1.303
     3.8          58      2877     0.027        1.329
    3.85           2      2879     0.001        1.330
     3.9          38      2917     0.018        1.348
    3.98           1      2918     0.000        1.348
    3.99           1      2919     0.000        1.349
       4         616      3535     0.285        1.633
     4.5           1      3536     0.000        1.634
       5          35      3571     0.016        1.650
       6          40      3611     0.018        1.668
       7          14      3625     0.006        1.675
       8          17      3642     0.008        1.683
       9         160      3802     0.074        1.757
      10           3      3805     0.001        1.758
      16           1      3806     0.000        1.759
      40           2      3808     0.001        1.759
      50           3      3811     0.001        1.761
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                     NUMER GRADE FOR CRSE
CRSGRADB    FREQUENCY   CUM FREQ    PERCENT   CUM PERCENT
      51            1       3812      0.000         1.761
      57            1       3813      0.000         1.762
      58            1       3814      0.000         1.762
      60            5       3819      0.002         1.765
      61            2       3821      0.001         1.765
      62            4       3825      0.002         1.767
      63            1       3826      0.000         1.768
      64            4       3830      0.002         1.770
      65           10       3840      0.005         1.774
      66            6       3846      0.003         1.777
      67            2       3848      0.001         1.778
      68            7       3855      0.003         1.781
      69            1       3856      0.000         1.782
    69.5            1       3857      0.000         1.782
      70           29       3886      0.013         1.796
      71           12       3898      0.006         1.801
      72           15       3913      0.007         1.808
      73           14       3927      0.006         1.814
      74           13       3940      0.006         1.820
      75           28       3968      0.013         1.833
    75.4            1       3969      0.000         1.834
    75.6            1       3970      0.000         1.834
      76           12       3982      0.006         1.840
    76.6            1       3983      0.000         1.840
    76.7            1       3984      0.000         1.841
    76.8            1       3985      0.000         1.841
      77           15       4000      0.007         1.848
    77.7            1       4001      0.000         1.849
      78           23       4024      0.011         1.859
    78.3            1       4025      0.000         1.860
    78.4            1       4026      0.000         1.860
    78.8            1       4027      0.000         1.861
      79           17       4044      0.008         1.869
    79.7            2       4046      0.001         1.869
      80           55       4101      0.025         1.895
    80.6            1       4102      0.000         1.895
    80.8            1       4103      0.000         1.896
      81           28       4131      0.013         1.909
    81.8            1       4132      0.000         1.909
      82           23       4155      0.011         1.920
      83           36       4191      0.017         1.936
    83.3            2       4193      0.001         1.937
    83.5            1       4194      0.000         1.938
    83.8            1       4195      0.000         1.938
      84           26       4221      0.012         1.950
      85           42       4263      0.019         1.970
    85.3            1       4264      0.000         1.970
    85.5            3       4267      0.001         1.972
    85.7            1       4268      0.000         1.972
      86           25       4293      0.012         1.984
      87           27       4320      0.012         1.996
    87.2            1       4321      0.000         1.997
    87.5            2       4323      0.001         1.997
      88           31       4354      0.014         2.012
    88.9            1       4355      0.000         2.012
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                    NUMER GRADE FOR CRSE
CRSGRADB   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT
      89          35      4390     0.016        2.028
    89.3           1      4391     0.000        2.029
      90          55      4446     0.025        2.054
    90.3           1      4447     0.000        2.055
    90.6           1      4448     0.000        2.055
      91          34      4482     0.016        2.071
      92          30      4512     0.014        2.085
    92.5           1      4513     0.000        2.085
      93          22      4535     0.010        2.095
    93.1           1      4536     0.000        2.096
    93.2           1      4537     0.000        2.096
      94          25      4562     0.012        2.108
    94.2           1      4563     0.000        2.108
    94.5           2      4565     0.001        2.109
      95          37      4602     0.017        2.126
    95.5           2      4604     0.001        2.127
      96          29      4633     0.013        2.141
    96.6           1      4634     0.000        2.141
      97          15      4649     0.007        2.148
      98          16      4665     0.007        2.155
    99.5           2      4667     0.001        2.156
     100          41      4708     0.019        2.175
 999.999      211718    216426    97.825      100.000


                         TYPE OF GRADE
GRADTYPE   FREQUENCY  CUM FREQ   PERCENT  CUM PERCENT

LETTER        205481    205481    94.943       94.943
NUMERIC         4708    210189     2.175       97.118
MISSING         6237    216126     2.882      100.000
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